

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031723\
 Data File : BM039035.D
 Acq On : 17 Mar 2023 15:28
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 18 01:45:18 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	7.981	152	410006	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1599795	20.000	ng	0.00
39) Acenaphthene-d10	14.622	164	902629	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1761386	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1488611	20.000	ng	0.00
86) Perylene-d12	23.980	264	1561851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2106325	78.051	ng	0.00
7) Phenol-d6	7.140	99	2733985	77.996	ng	0.00
23) Nitrobenzene-d5	9.151	82	2609535	80.125	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	811812	77.745	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5197582	74.961	ng	0.00
79) Terphenyl-d14	19.986	244	6477921	79.563	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	449110	37.408	ng	98
3) Pyridine	3.805	79	1316473	39.538	ng	97
4) n-Nitrosodimethylamine	3.716	42	535599	39.530	ng	98
6) Aniline	7.304	93	1837691	39.928	ng	99
8) 2-Chlorophenol	7.540	128	1114917	38.806	ng	99
9) Benzaldehyde	7.110	77	611990	36.689	ng	100
10) Phenol	7.163	94	1458306	39.176	ng	99
11) bis(2-Chloroethyl)ether	7.398	93	1181838	39.050	ng	99
12) 1,3-Dichlorobenzene	7.869	146	1169920	38.317	ng	98
13) 1,4-Dichlorobenzene	8.016	146	1186989	38.225	ng	98
14) 1,2-Dichlorobenzene	8.334	146	1137167	38.017	ng	100
15) Benzyl Alcohol	8.222	79	1027642	40.902	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1559969	40.813	ng	100
17) 2-Methylphenol	8.422	107	1017952	39.809	ng	100
18) Hexachloroethane	9.069	117	451607	39.417	ng	97
19) n-Nitroso-di-n-propyla...	8.792	70	930382	42.139	ng	99
20) 3+4-Methylphenols	8.751	107	1357173	39.749	ng	99
22) Acetophenone	8.810	105	1726344	38.462	ng	# 99
24) Nitrobenzene	9.192	77	1360316	39.739	ng	99
25) Isophorone	9.722	82	2488269	41.518	ng	100
26) 2-Nitrophenol	9.904	139	604891	40.517	ng	97
27) 2,4-Dimethylphenol	9.963	122	1051811	40.277	ng	100
28) bis(2-Chloroethoxy)met...	10.204	93	1531937	39.781	ng	100
29) 2,4-Dichlorophenol	10.434	162	987111	39.870	ng	99
30) 1,2,4-Trichlorobenzene	10.657	180	1015389	37.530	ng	99
31) Naphthalene	10.845	128	3473363	38.075	ng	100
32) Benzoic acid	10.098	122	818053	43.329	ng	99
33) 4-Chloroaniline	10.951	127	1549822	39.865	ng	99
34) Hexachlorobutadiene	11.128	225	580331	37.405	ng	99
35) Caprolactam	11.745	113	320980	42.597	ng	94
36) 4-Chloro-3-methylphenol	12.069	107	1082607	41.064	ng	97
37) 2-Methylnaphthalene	12.451	142	2375115	38.846	ng	99
38) 1-Methylnaphthalene	12.669	142	2244002	39.163	ng	100
40) 1,2,4,5-Tetrachloroben...	12.816	216	1070671	36.487	ng	99
41) Hexachlorocyclopentadiene	12.798	237	654477	40.633	ng	100
43) 2,4,6-Trichlorophenol	13.051	196	753074	39.632	ng	99

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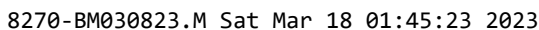
Instrument :
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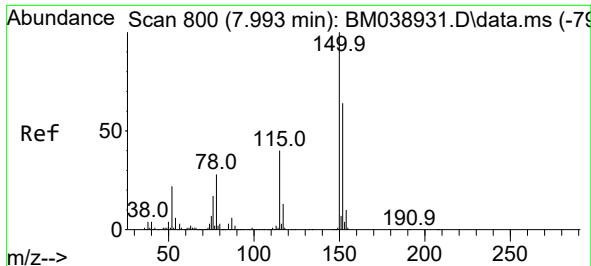
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	880731	39.598	ng	99
46) 1,1'-Biphenyl	13.457	154	2867907	37.504	ng	99
47) 2-Chloronaphthalene	13.498	162	2148194	37.255	ng	100
48) 2-Nitroaniline	13.698	65	741482	40.524	ng	100
49) Acenaphthylene	14.345	152	3556836	38.725	ng	100
50) Dimethylphthalate	14.080	163	2713381	39.066	ng	100
51) 2,6-Dinitrotoluene	14.198	165	587342	38.540	ng	99
52) Acenaphthene	14.686	154	2126421	37.671	ng	100
53) 3-Nitroaniline	14.522	138	687698	38.619	ng	98
54) 2,4-Dinitrophenol	14.727	184	345562	41.791	ng	96
55) Dibenzofuran	15.016	168	3318624	37.571	ng	99
56) 4-Nitrophenol	14.822	139	552479	40.051	ng	97
57) 2,4-Dinitrotoluene	14.980	165	780789	39.029	ng	99
58) Fluorene	15.663	166	2665283	38.520	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.239	232	675375	39.373	ng	100
60) Diethylphthalate	15.439	149	2738288	40.518	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	1299808	38.239	ng	98
62) 4-Nitroaniline	15.686	138	704582	38.894	ng	99
63) Azobenzene	15.951	77	2934534	41.037	ng	99
65) 4,6-Dinitro-2-methylph...	15.739	198	453660	40.125	ng	99
66) n-Nitrosodiphenylamine	15.874	169	2271416	38.252	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	736265	38.700	ng	95
68) Hexachlorobenzene	16.668	284	786142	36.964	ng	99
69) Atrazine	16.821	200	688887	42.473	ng	99
70) Pentachlorophenol	17.010	266	614387	39.277	ng	100
71) Phenanthrene	17.404	178	3907442	37.798	ng	100
72) Anthracene	17.498	178	3973524	38.543	ng	100
73) Carbazole	17.768	167	3657699	38.875	ng	100
74) Di-n-butylphthalate	18.333	149	4744662	41.594	ng	99
75) Fluoranthene	19.415	202	4253384	38.968	ng	99
77) Benzidine	19.604	184	1462800	43.607	ng	99
78) Pyrene	19.780	202	4423116	39.560	ng	100
80) Butylbenzylphthalate	20.680	149	2036094	43.186	ng	99
81) Benzo(a)anthracene	21.527	228	4183109	39.021	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	1403641	42.603	ng	99
83) Chrysene	21.580	228	3978230	38.156	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	3020512	44.153	ng	99
85) Di-n-octyl phthalate	22.392	149	5039432	44.481	ng	100
87) Indeno(1,2,3-cd)pyrene	26.527	276	4549463	38.280	ng	98
88) Benzo(b)fluoranthene	23.239	252	3863924	38.724	ng	99
89) Benzo(k)fluoranthene	23.286	252	3989383	38.418	ng	99
90) Benzo(a)pyrene	23.874	252	3772833	39.287	ng	100
91) Dibenzo(a,h)anthracene	26.544	278	3859007	38.342	ng	99
92) Benzo(g,h,i)perylene	27.309	276	3704648	37.622	ng	98

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

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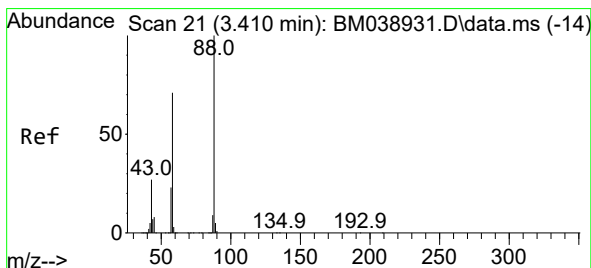
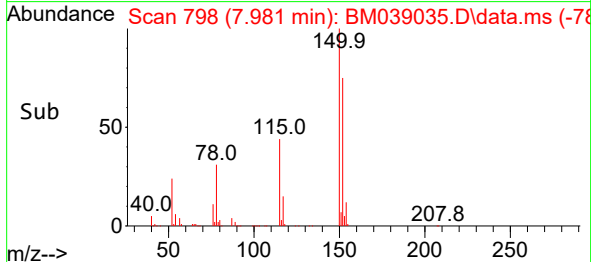
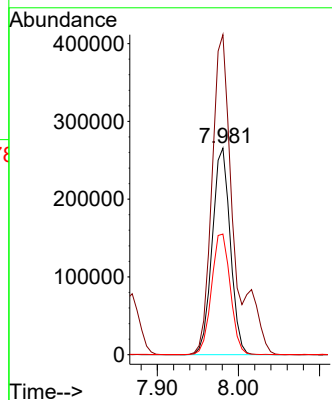
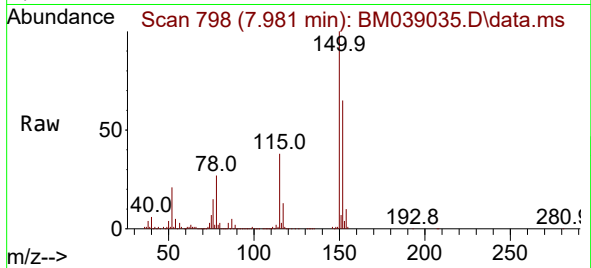




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 79
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

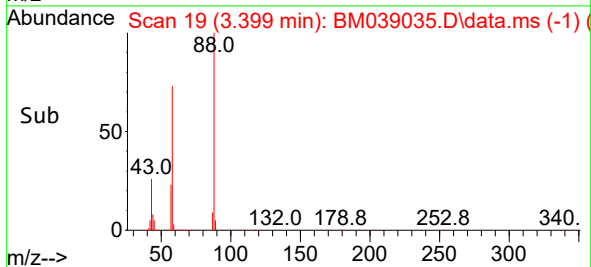
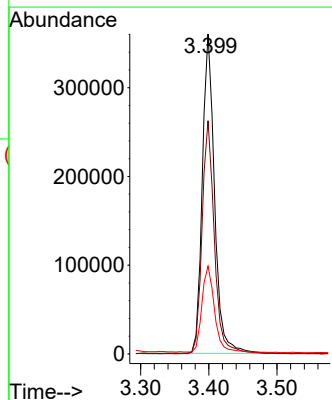
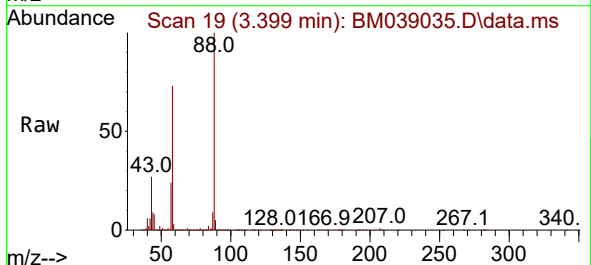
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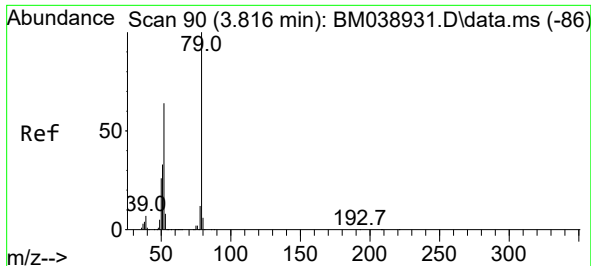
Tgt Ion:152 Resp: 410006
Ion Ratio Lower Upper
152 100
150 154.9 125.1 187.7
115 58.4 49.6 74.4



#2
1,4-Dioxane
Concen: 37.408 ng
RT: 3.399 min Scan# 19
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion: 88 Resp: 449110
Ion Ratio Lower Upper
88 100
58 73.4 57.2 85.8
43 28.5 22.0 33.0

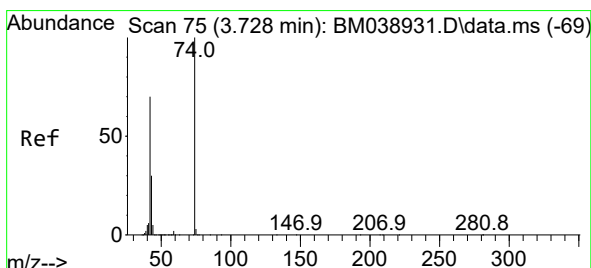
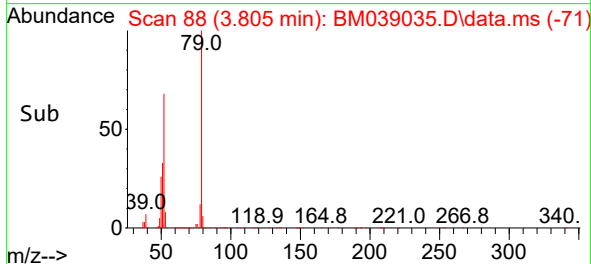
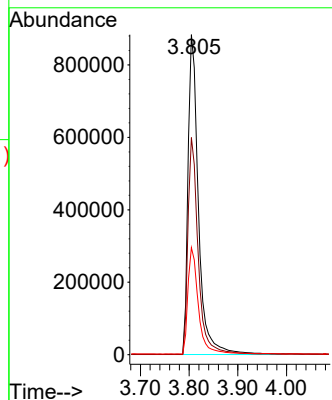
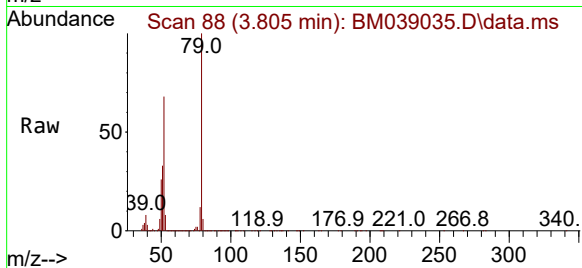




#3
Pyridine
Concen: 39.538 ng
RT: 3.805 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

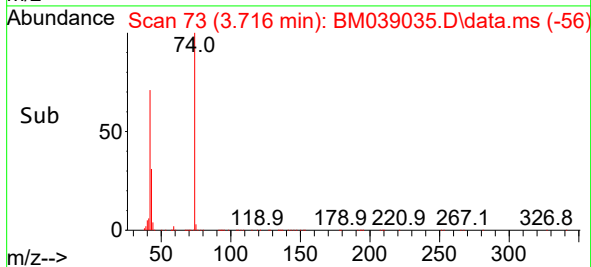
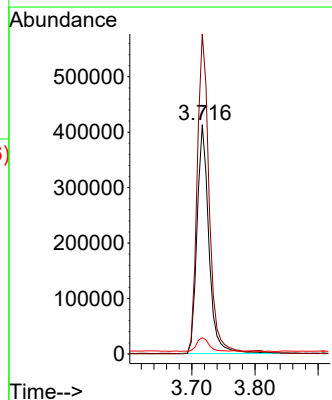
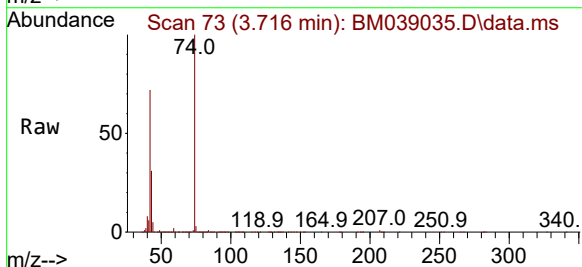
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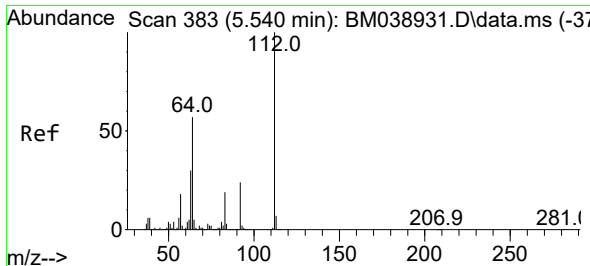
Tgt Ion: 79 Resp: 1316473
Ion Ratio Lower Upper
79 100
52 67.8 51.4 77.2
51 33.5 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 39.530 ng
RT: 3.716 min Scan# 73
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion: 42 Resp: 535599
Ion Ratio Lower Upper
42 100
74 139.6 113.8 170.8
44 7.1 6.2 9.2

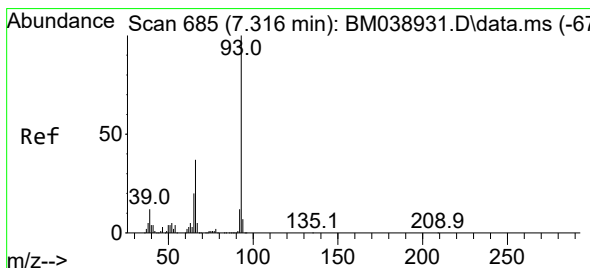
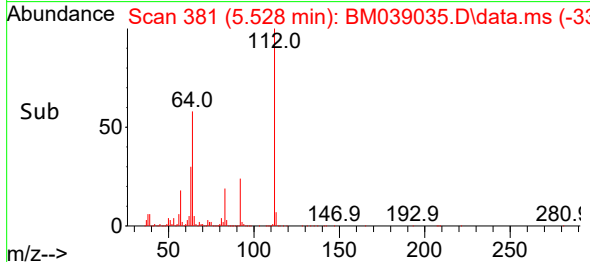
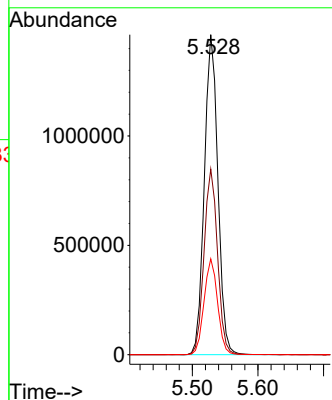
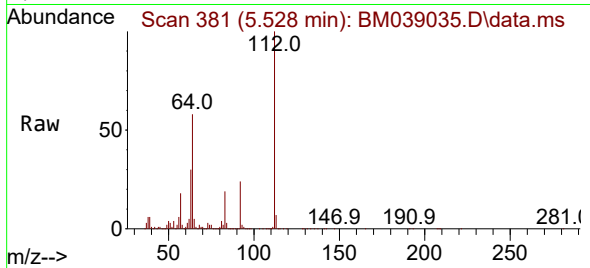




#5
2-Fluorophenol
Concen: 78.051 ng
RT: 5.528 min Scan# 381
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

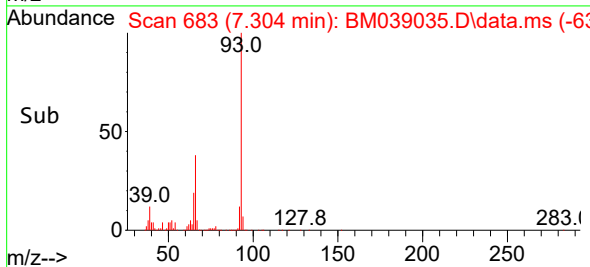
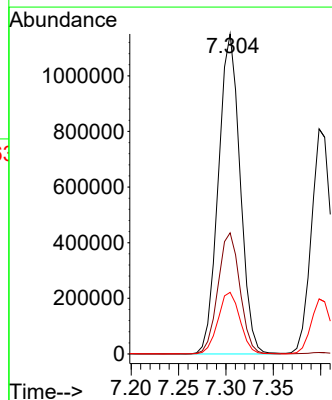
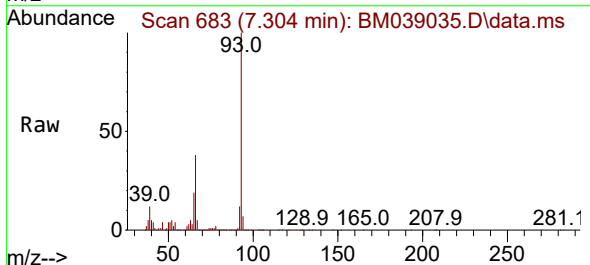
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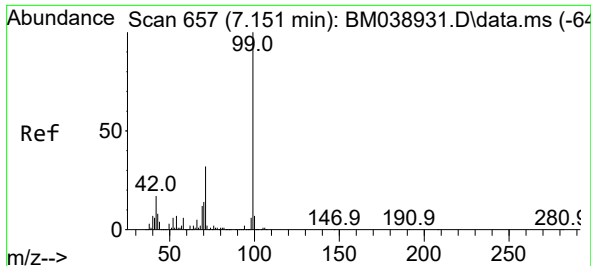
Tgt Ion:112 Resp: 2106325
Ion Ratio Lower Upper
112 100
64 58.0 45.9 68.9
63 30.0 23.8 35.8



#6
Aniline
Concen: 39.928 ng
RT: 7.304 min Scan# 683
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion: 93 Resp: 1837691
Ion Ratio Lower Upper
93 100
66 37.8 30.0 45.0
65 19.2 15.8 23.6

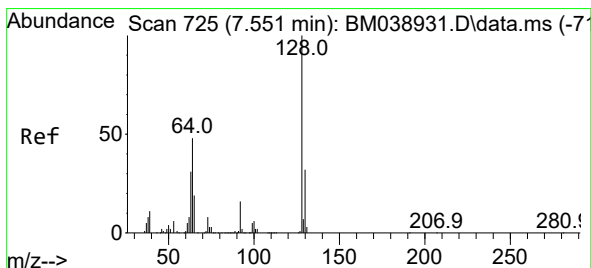
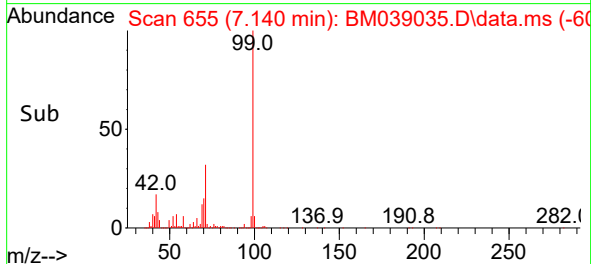
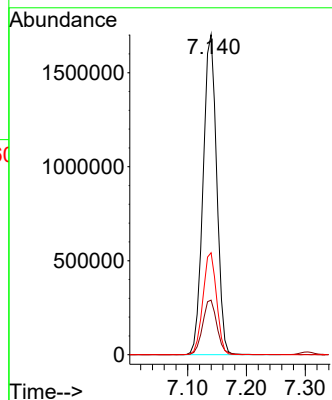
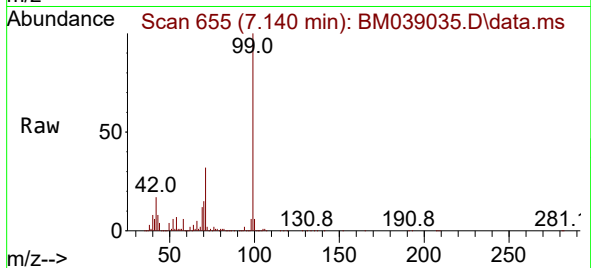




#7
Phenol-d6
Concen: 77.996 ng
RT: 7.140 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

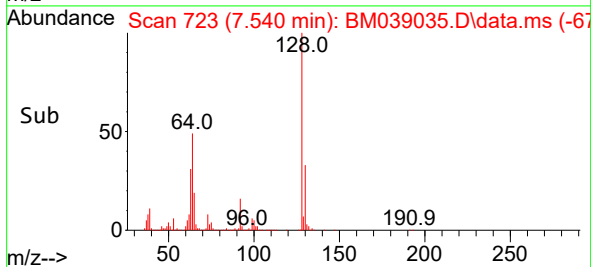
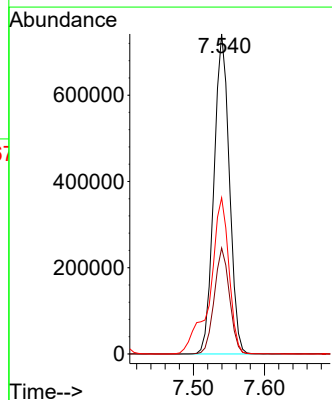
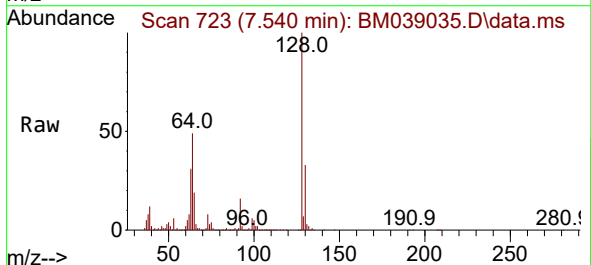
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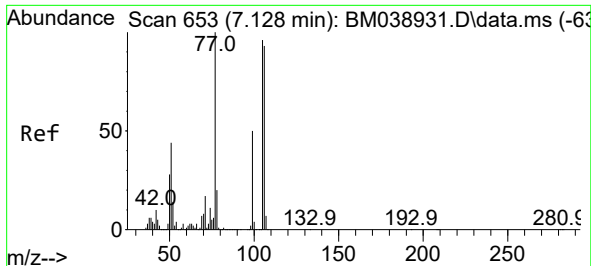
Tgt Ion: 99 Resp: 2733985
Ion Ratio Lower Upper
99 100
42 17.0 13.5 20.3
71 31.8 25.6 38.4



#8
2-Chlorophenol
Concen: 38.806 ng
RT: 7.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion: 128 Resp: 1114917
Ion Ratio Lower Upper
128 100
130 33.1 11.9 51.9
64 48.8 28.6 68.6

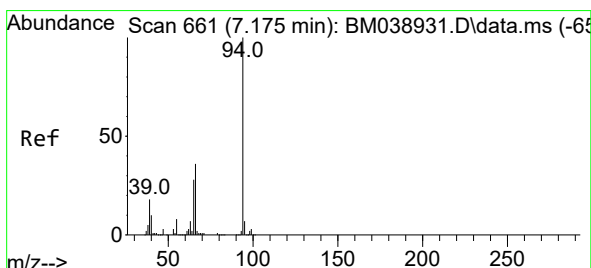
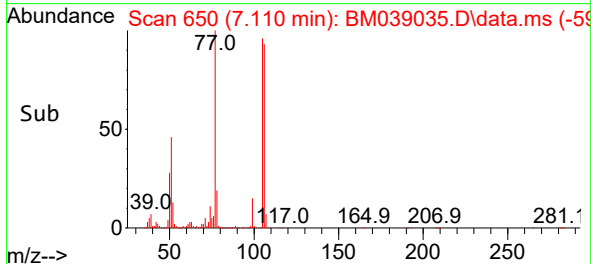
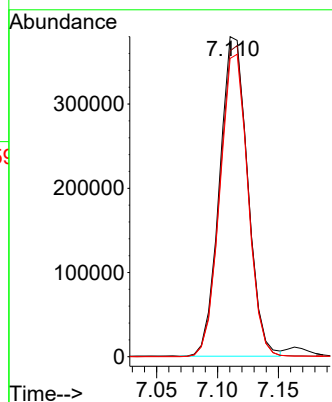
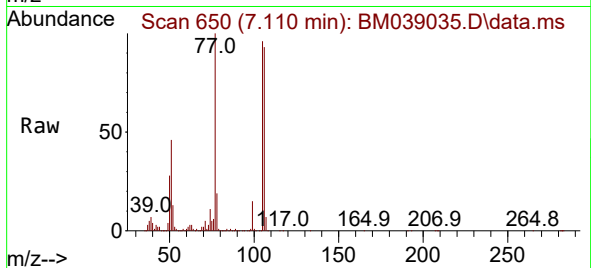




#9
Benzaldehyde
Concen: 36.689 ng
RT: 7.110 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

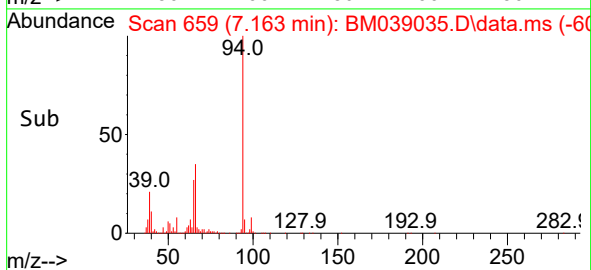
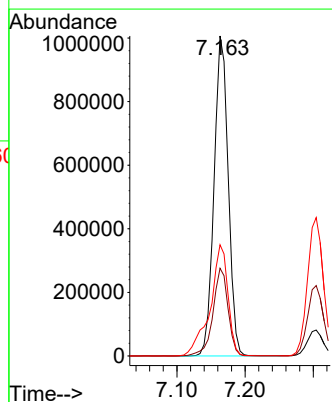
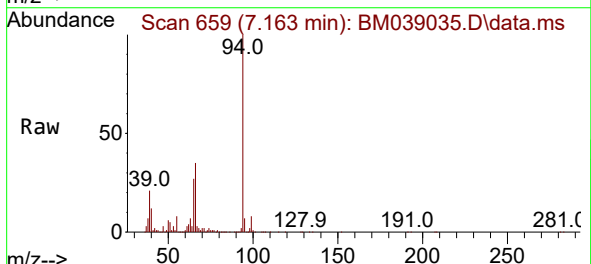
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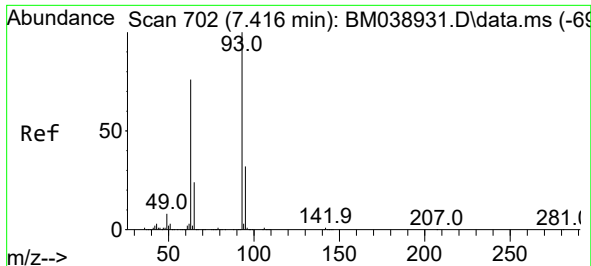
Tgt Ion: 77 Resp: 611990
Ion Ratio Lower Upper
77 100
105 95.6 75.8 115.8
106 93.2 72.6 112.6



#10
Phenol
Concen: 39.176 ng
RT: 7.163 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion: 94 Resp: 1458306
Ion Ratio Lower Upper
94 100
65 27.4 7.9 47.9
66 34.7 15.8 55.8



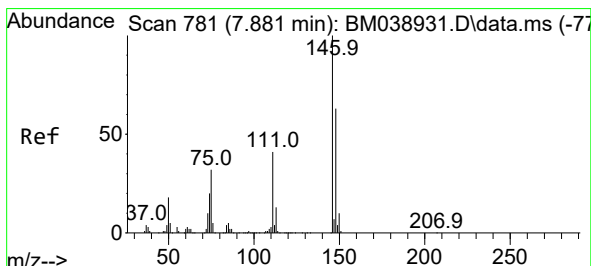
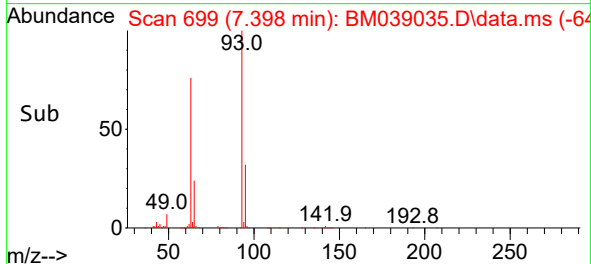
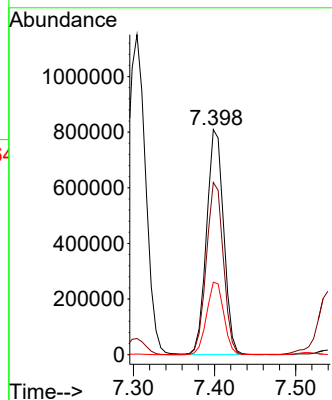
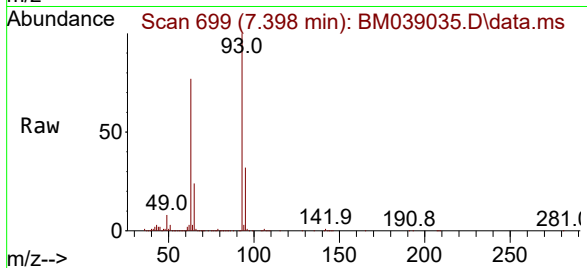


#11
bis(2-Chloroethyl)ether
Concen: 39.050 ng
RT: 7.398 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 1181838

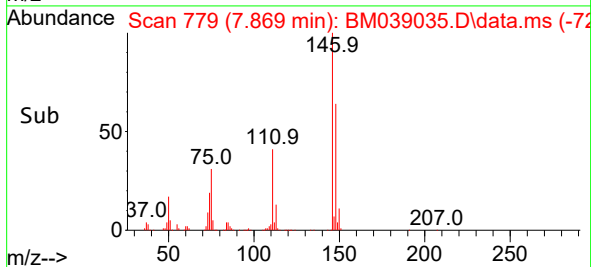
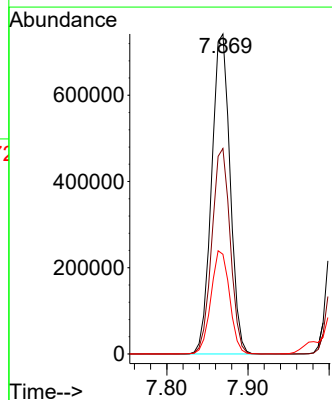
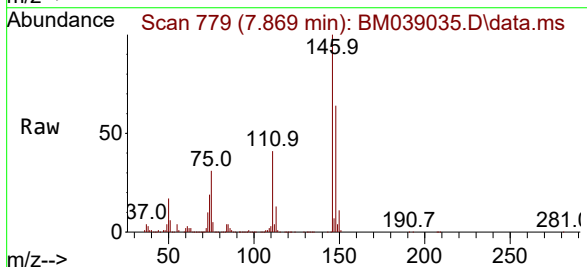
Ion	Ratio	Lower	Upper
93	100		
63	76.5	55.8	95.8
95	32.2	12.2	52.2

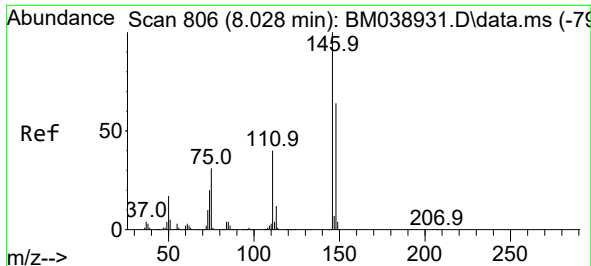


#12
1,3-Dichlorobenzene
Concen: 38.317 ng
RT: 7.869 min Scan# 779
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion: 146 Resp: 1169920

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
75	31.2	26.0	39.0

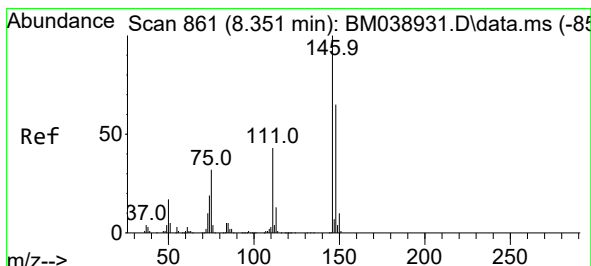
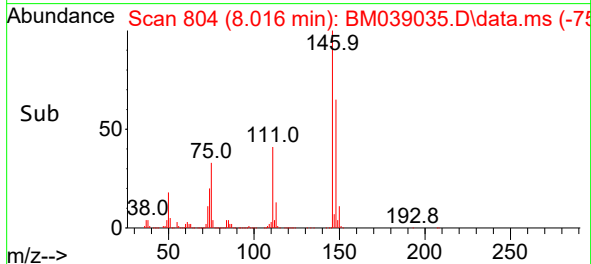
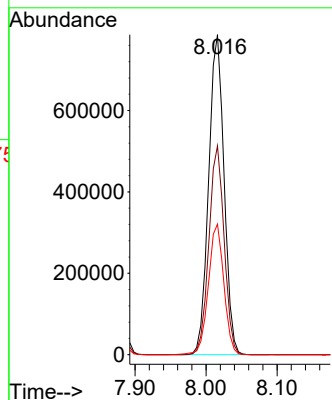
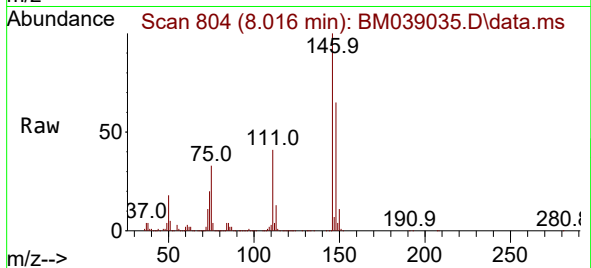




#13
1,4-Dichlorobenzene
Concen: 38.225 ng
RT: 8.016 min Scan# 804
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

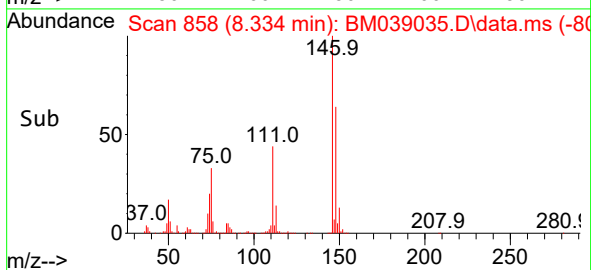
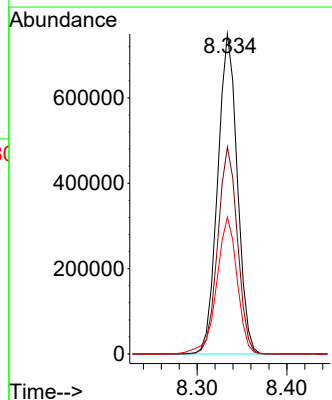
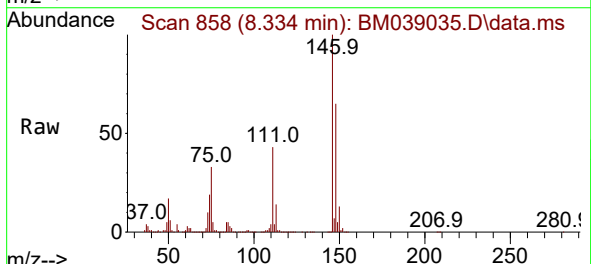
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

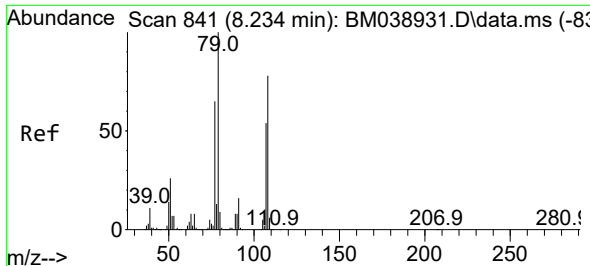
Tgt Ion:146 Resp: 1186989
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.4
111 40.8 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 38.017 ng
RT: 8.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:146 Resp: 1137167
Ion Ratio Lower Upper
146 100
148 64.7 51.7 77.5
111 42.8 34.2 51.4

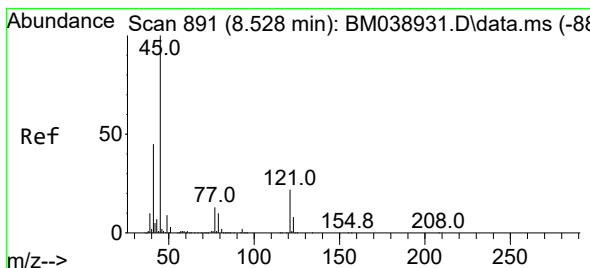
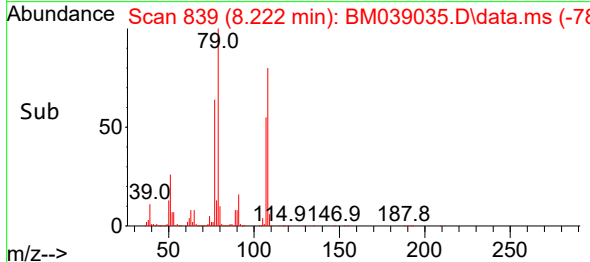
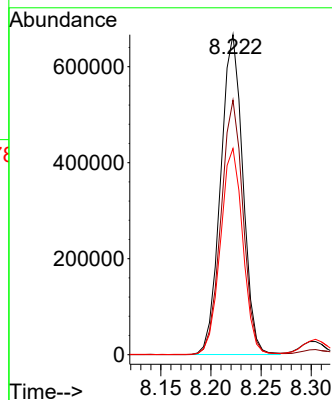
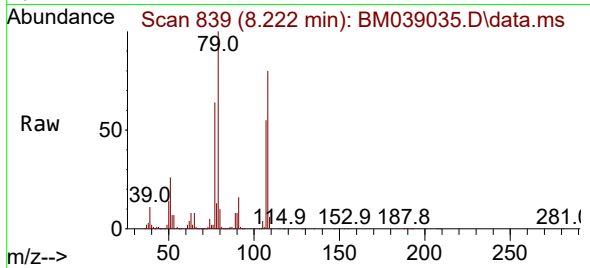




#15
Benzyl Alcohol
Concen: 40.902 ng
RT: 8.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

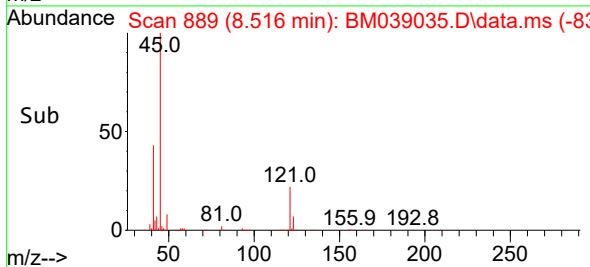
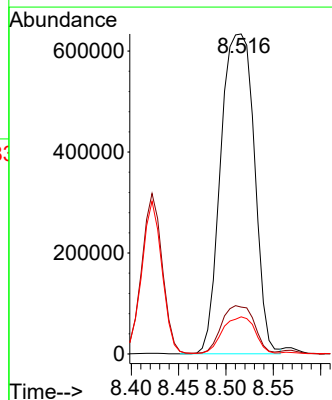
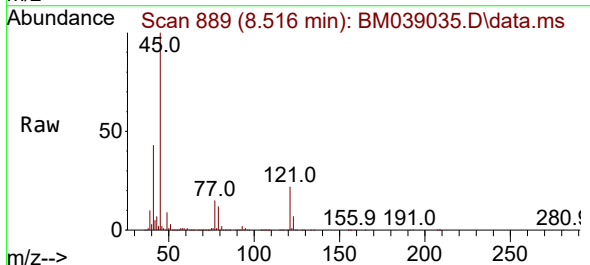
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

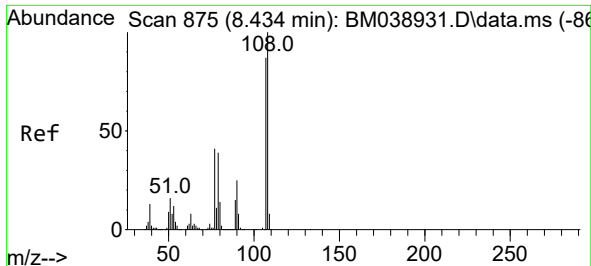
Tgt Ion: 79 Resp: 1027642
Ion Ratio Lower Upper
79 100
108 79.6 62.4 93.6
77 64.5 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.813 ng
RT: 8.516 min Scan# 889
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion: 45 Resp: 1559969
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.8
79 11.6 0.0 31.5

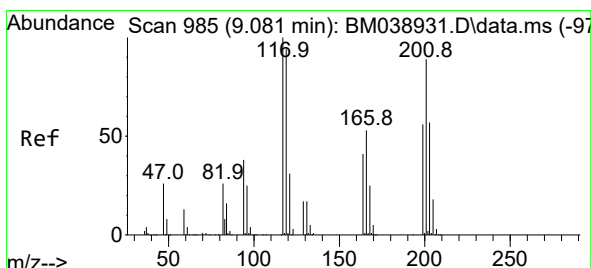
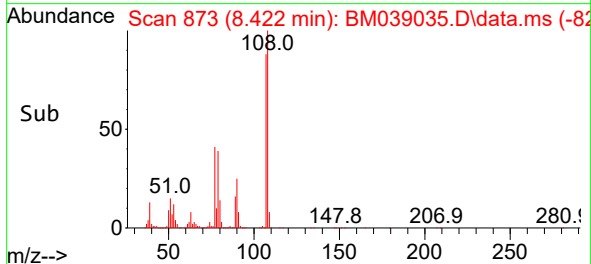
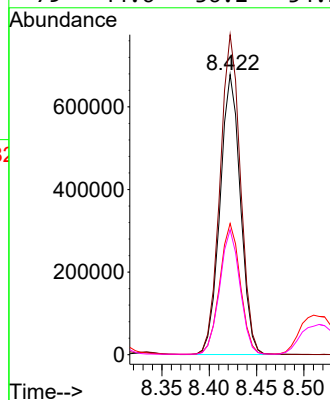
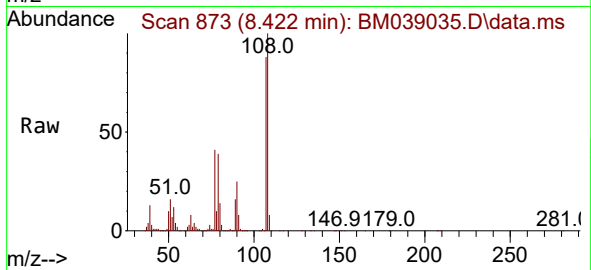




#17
2-Methylphenol
Concen: 39.809 ng
RT: 8.422 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

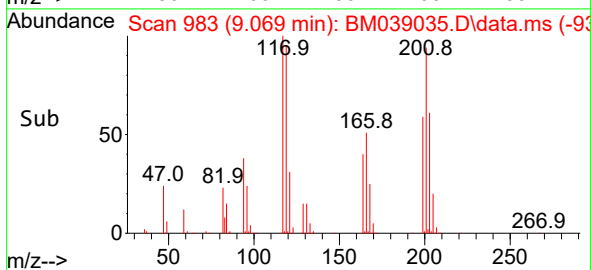
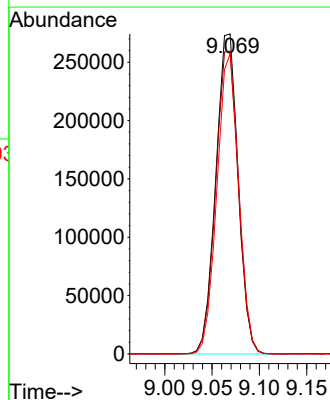
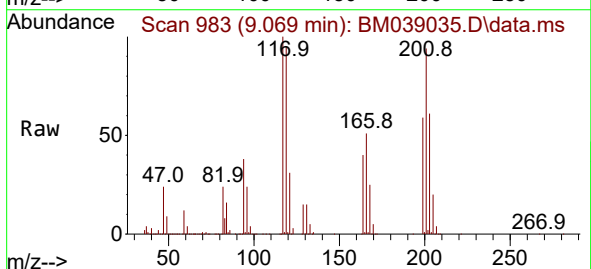
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

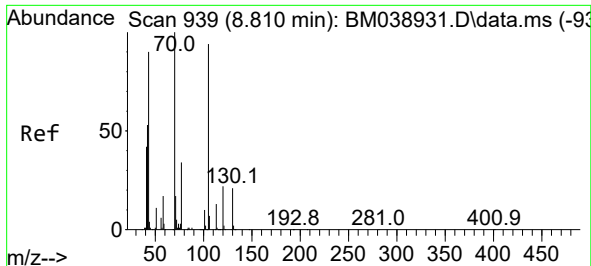
Tgt Ion:107 Resp: 1017952
Ion Ratio Lower Upper
107 100
108 114.2 91.7 137.5
77 46.9 37.4 56.2
79 44.6 36.2 54.2



#18
Hexachloroethane
Concen: 39.417 ng
RT: 9.069 min Scan# 983
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:117 Resp: 451607
Ion Ratio Lower Upper
117 100
119 94.7 75.4 113.0
201 93.8 71.3 106.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.139 ng

RT: 8.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 930382

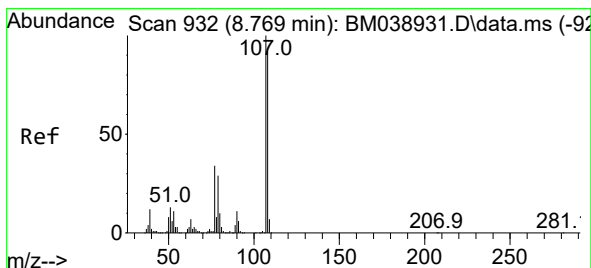
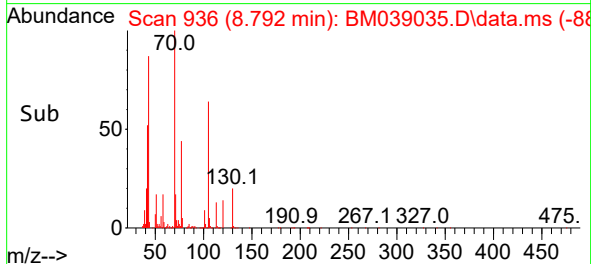
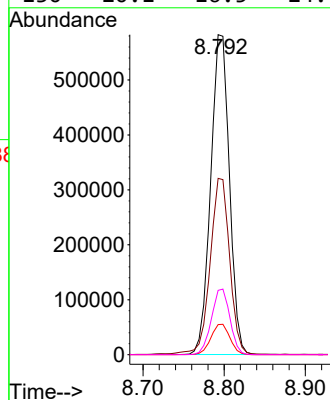
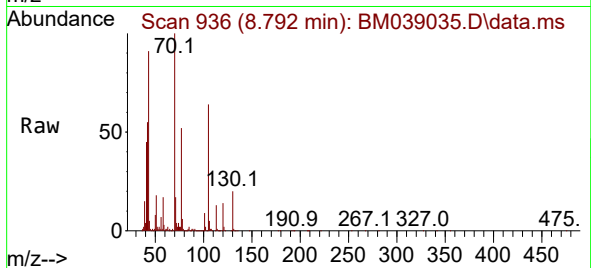
Ion Ratio Lower Upper

70 100

42 55.1 43.4 65.2

101 9.4 7.6 11.4

130 20.1 16.5 24.7



#20

3+4-Methylphenols

Concen: 39.749 ng

RT: 8.751 min Scan# 929

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Tgt Ion: 107 Resp: 1357173

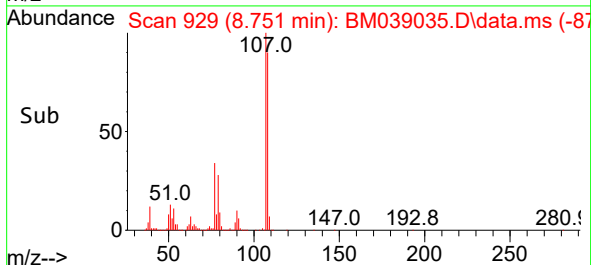
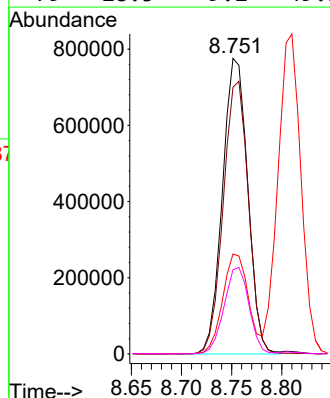
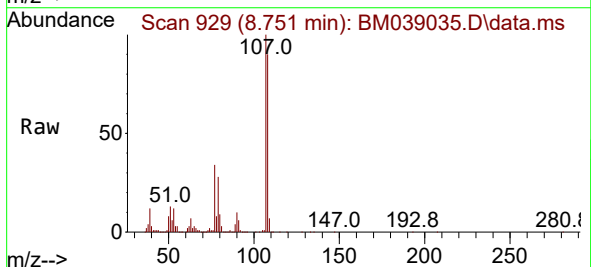
Ion Ratio Lower Upper

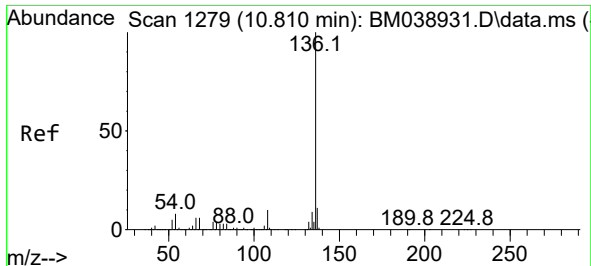
107 100

108 90.2 71.8 111.8

77 33.8 13.6 53.6

79 28.5 9.2 49.2

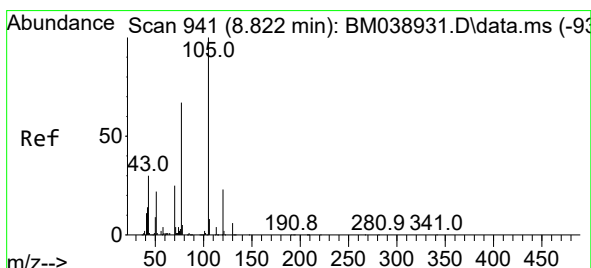
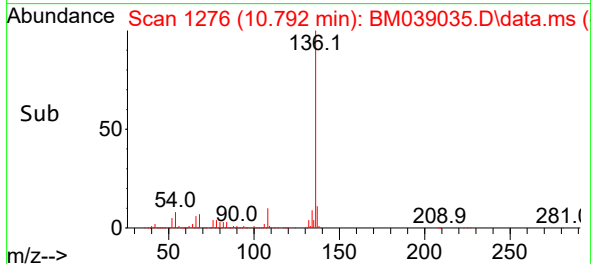
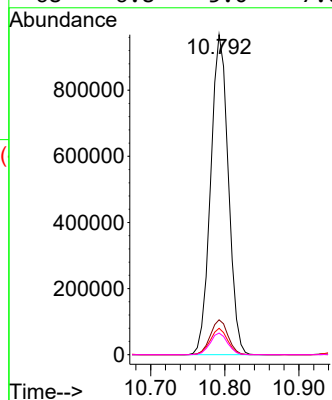
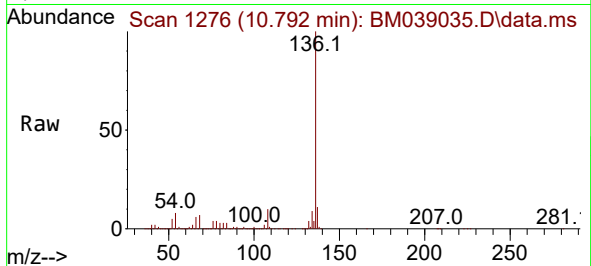




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

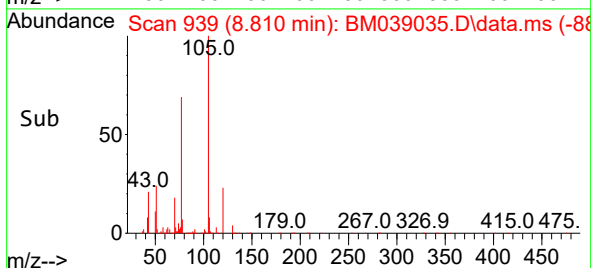
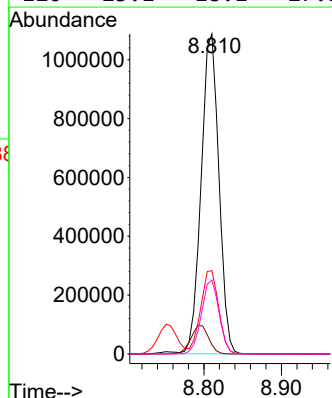
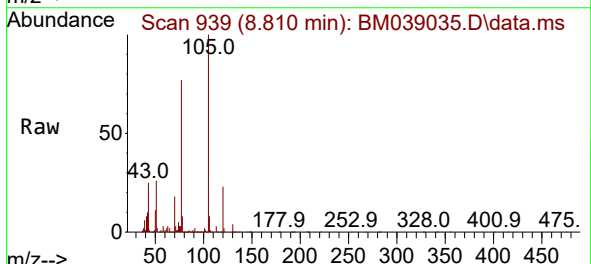
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

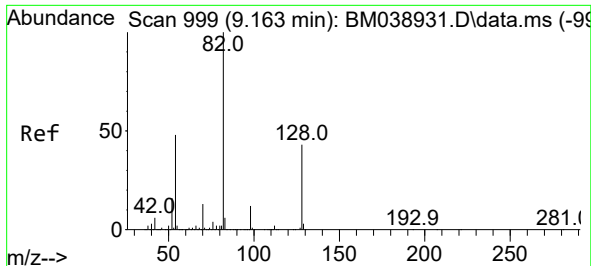
Tgt Ion:136 Resp: 1599795
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.3 6.3 9.5
68 6.8 5.0 7.6



#22
Acetophenone
Concen: 38.462 ng
RT: 8.810 min Scan# 939
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:105 Resp: 1726344
Ion Ratio Lower Upper
105 100
71 2.9 3.4 5.0#
51 26.1 21.0 31.4
120 23.1 18.1 27.1

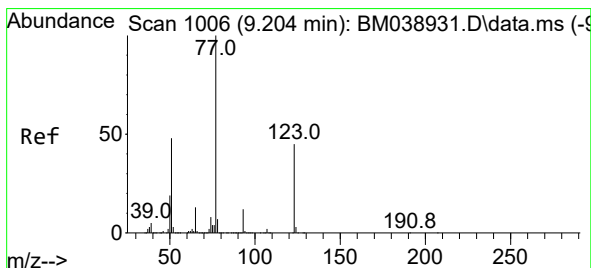
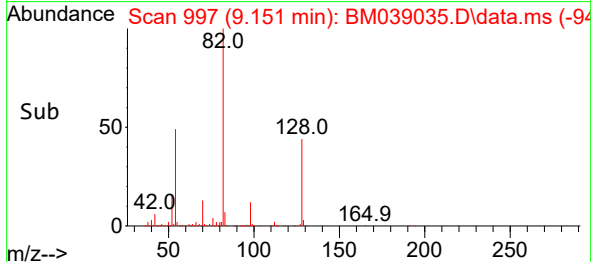
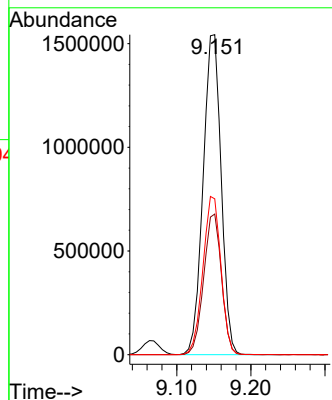
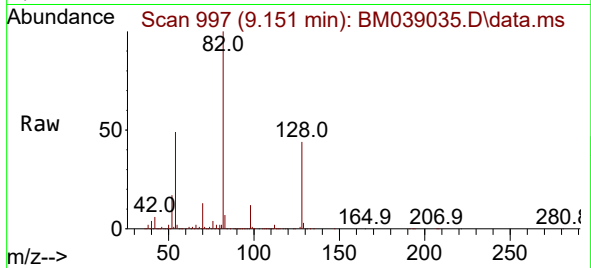




#23
Nitrobenzene-d5
Concen: 80.125 ng
RT: 9.151 min Scan# 997
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

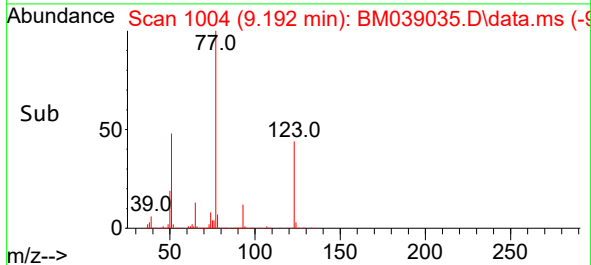
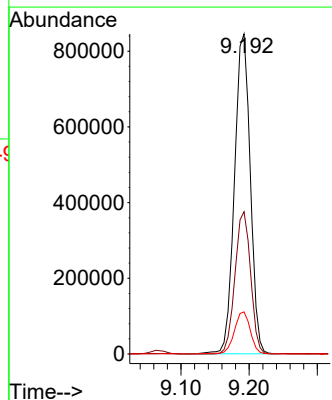
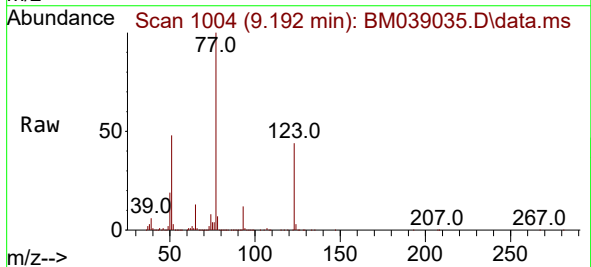
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

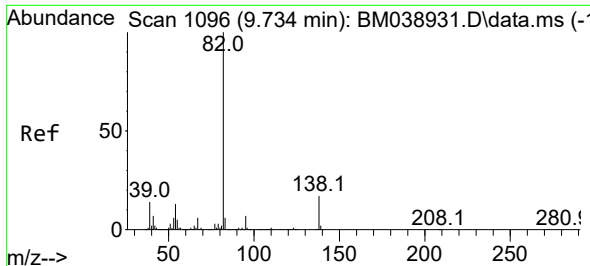
Tgt Ion: 82 Resp: 2609535
Ion Ratio Lower Upper
82 100
128 44.0 34.4 51.6
54 48.7 38.8 58.2



#24
Nitrobenzene
Concen: 39.739 ng
RT: 9.192 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion: 77 Resp: 1360316
Ion Ratio Lower Upper
77 100
123 44.4 35.8 53.6
65 13.1 10.2 15.4

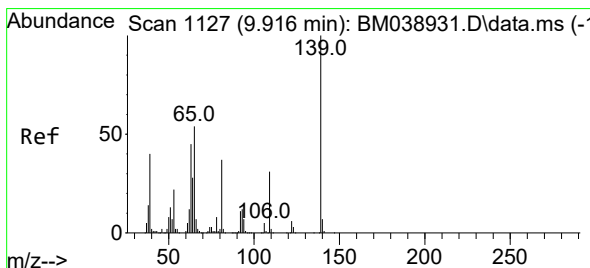
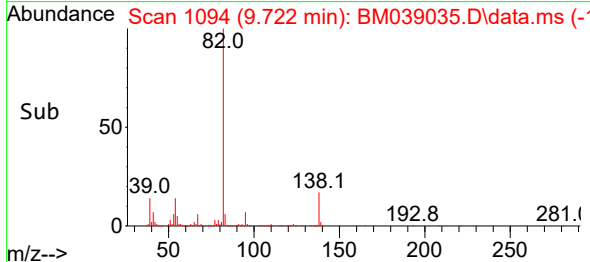
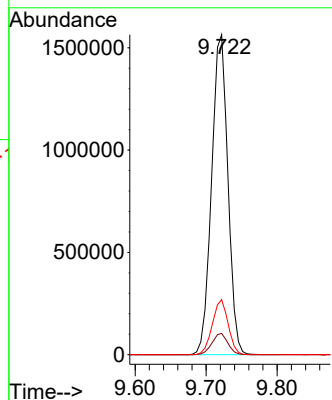
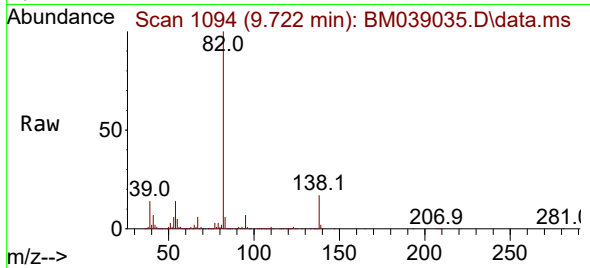




#25
Isophorone
Concen: 41.518 ng
RT: 9.722 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

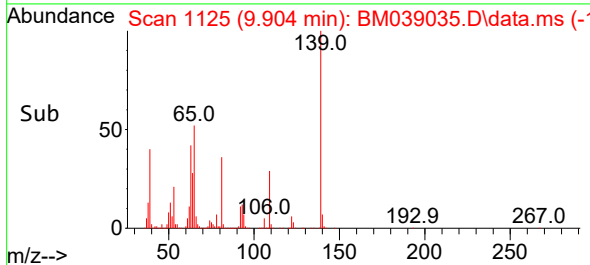
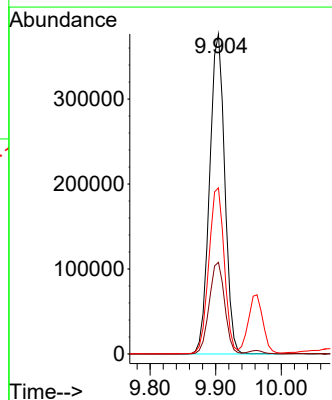
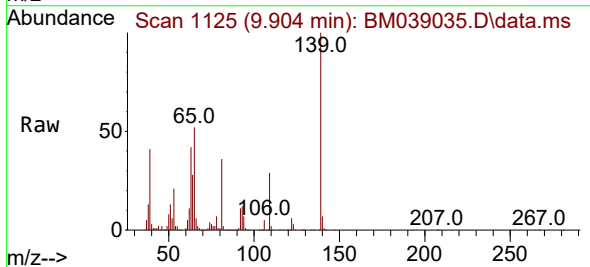
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

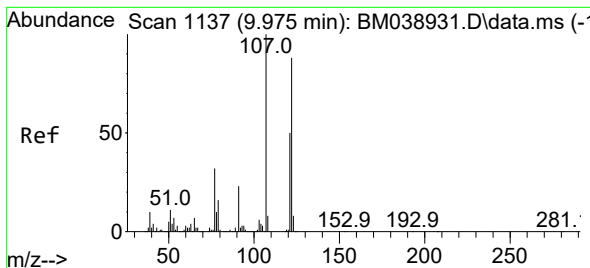
Tgt Ion: 82 Resp: 2488269
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.2 13.6 20.4



#26
2-Nitrophenol
Concen: 40.517 ng
RT: 9.904 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion: 139 Resp: 604891
Ion Ratio Lower Upper
139 100
109 28.6 24.5 36.7
65 51.9 43.0 64.6

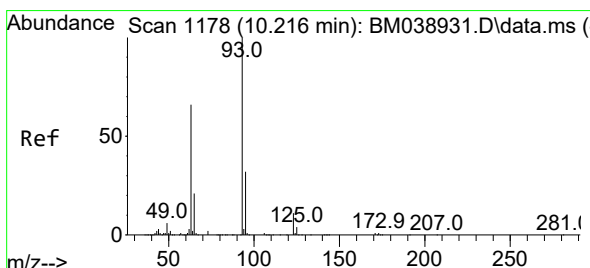
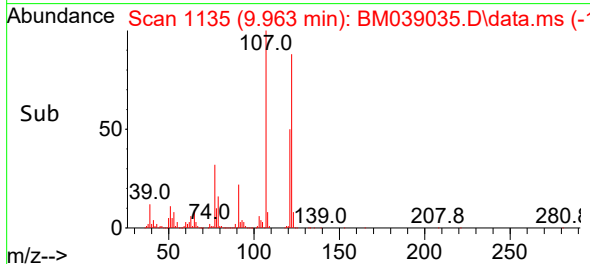
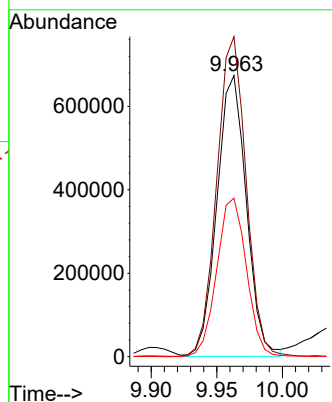
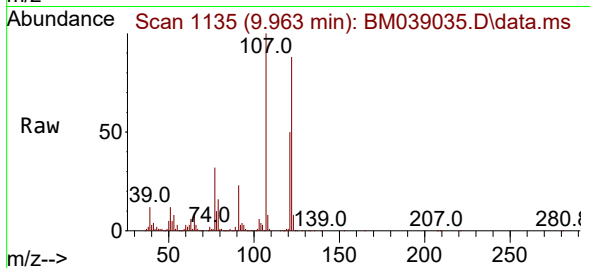




#27
2,4-Dimethylphenol
Concen: 40.277 ng
RT: 9.963 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

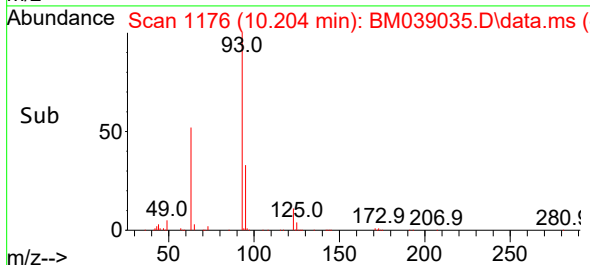
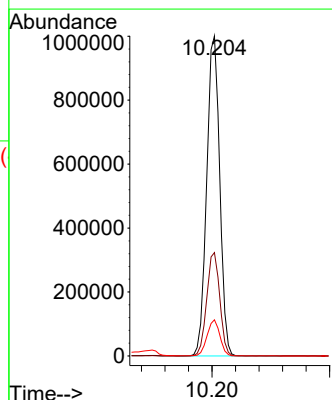
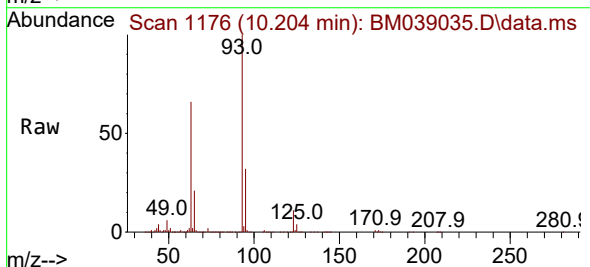
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

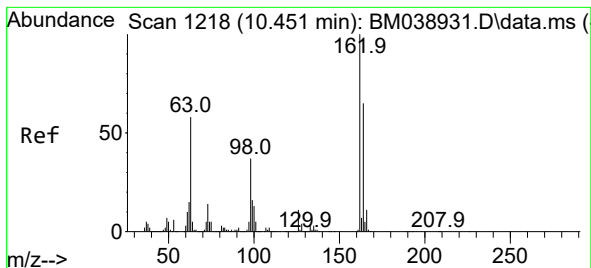
Tgt Ion:122 Resp: 1051811
Ion Ratio Lower Upper
122 100
107 113.9 91.0 136.4
121 56.4 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.781 ng
RT: 10.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion: 93 Resp: 1531937
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 11.3 8.8 13.2

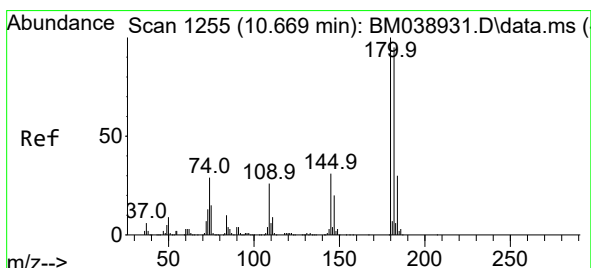
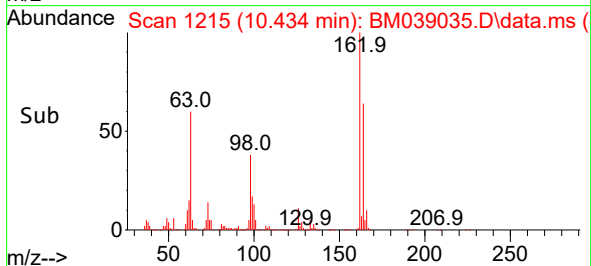
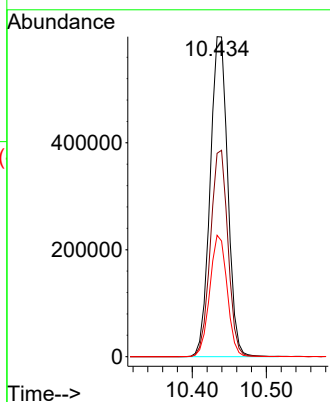
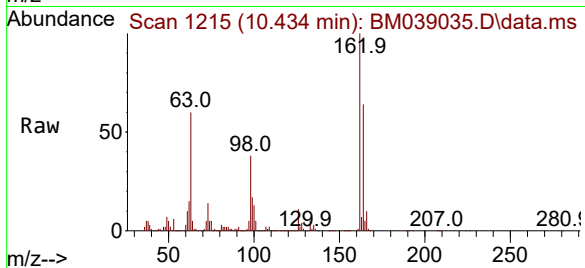




#29
2,4-Dichlorophenol
Concen: 39.870 ng
RT: 10.434 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

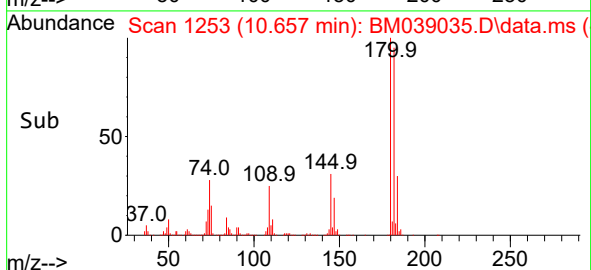
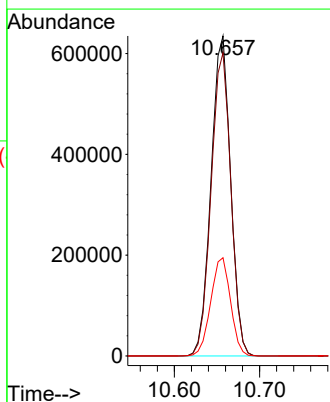
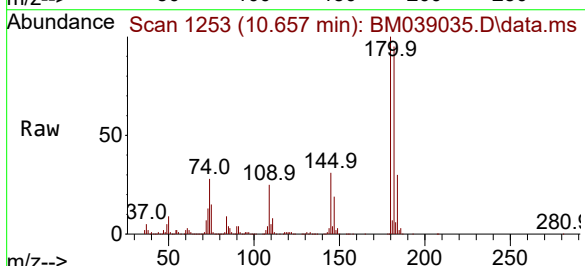
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

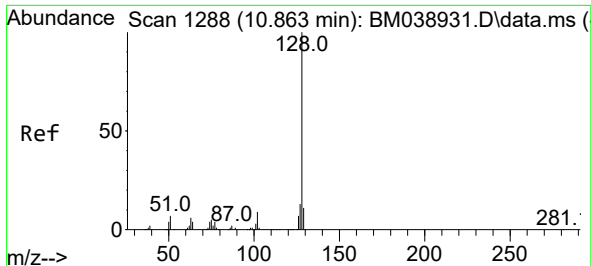
Tgt Ion:162 Resp: 987111
Ion Ratio Lower Upper
162 100
164 63.6 44.6 84.6
98 37.9 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 37.530 ng
RT: 10.657 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:180 Resp: 1015389
Ion Ratio Lower Upper
180 100
182 94.8 76.3 114.5
145 30.7 25.0 37.4

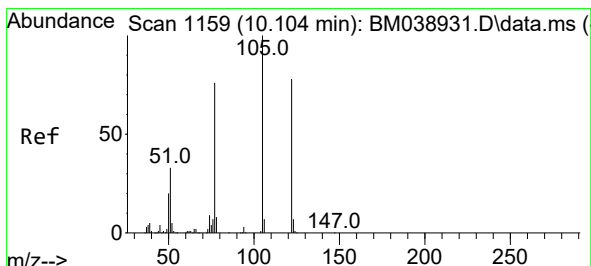
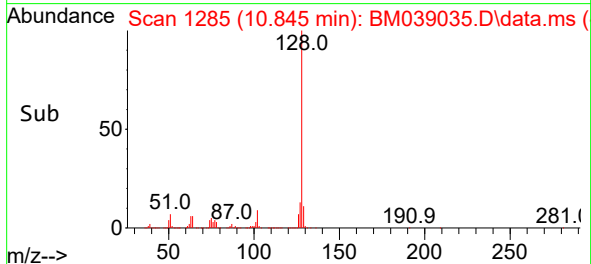
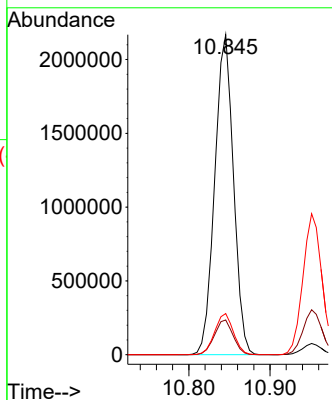
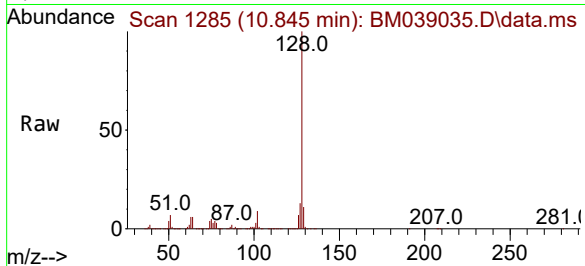




#31
Naphthalene
Concen: 38.075 ng
RT: 10.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

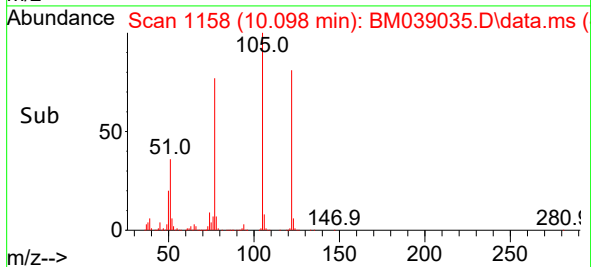
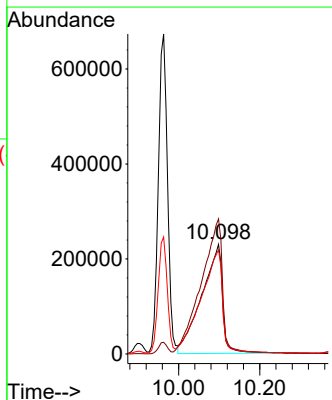
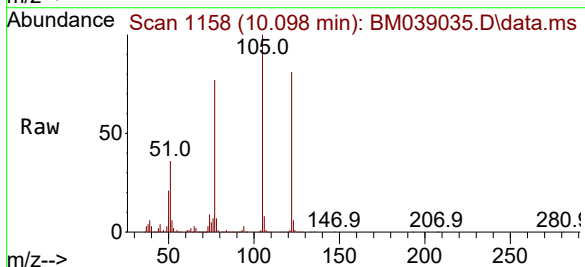
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

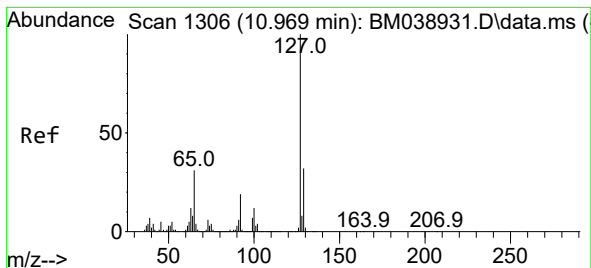
Tgt Ion:128 Resp: 3473363
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 43.329 ng
RT: 10.098 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:122 Resp: 818053
Ion Ratio Lower Upper
122 100
105 123.2 104.2 144.2
77 94.8 75.1 115.1

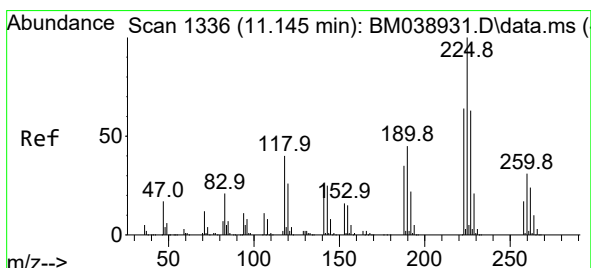
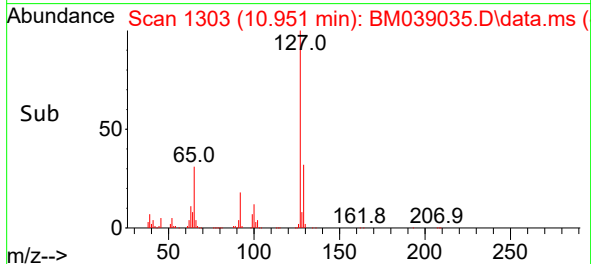
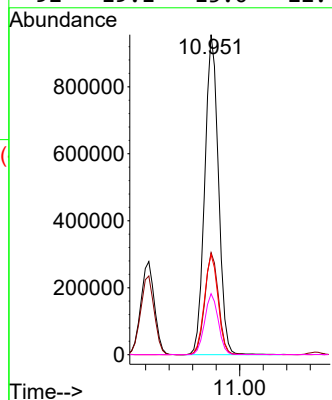
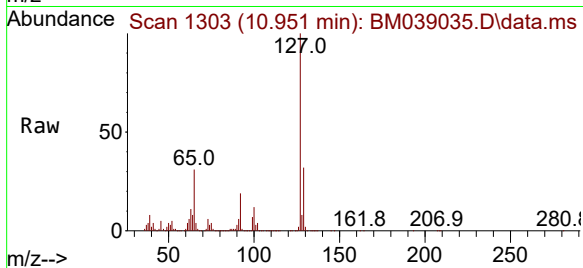




#33
4-Chloroaniline
Concen: 39.865 ng
RT: 10.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

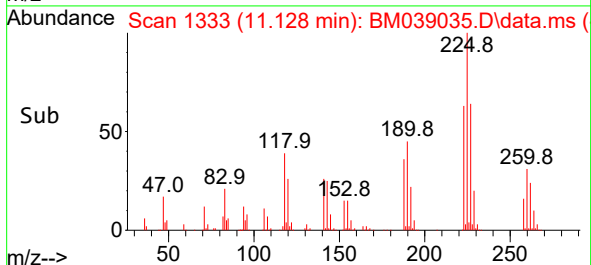
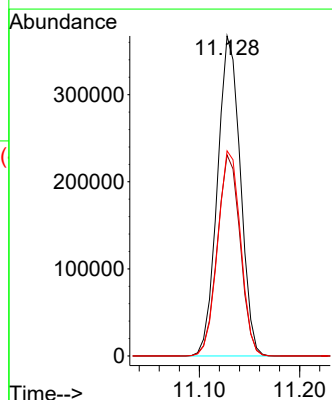
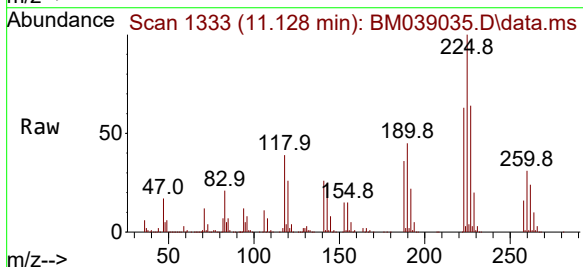
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

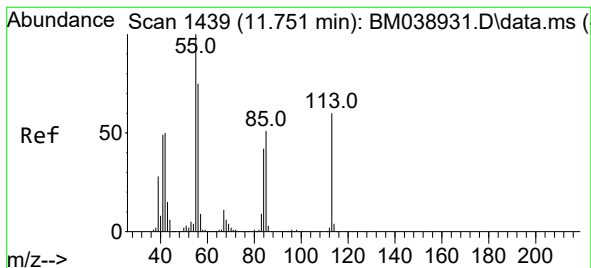
Tgt Ion:127 Resp: 1549822
Ion Ratio Lower Upper
127 100
129 31.9 25.4 38.2
65 31.3 24.4 36.6
92 19.1 15.0 22.4



#34
Hexachlorobutadiene
Concen: 37.405 ng
RT: 11.128 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:225 Resp: 580331
Ion Ratio Lower Upper
225 100
223 62.8 51.3 76.9
227 64.1 50.6 76.0

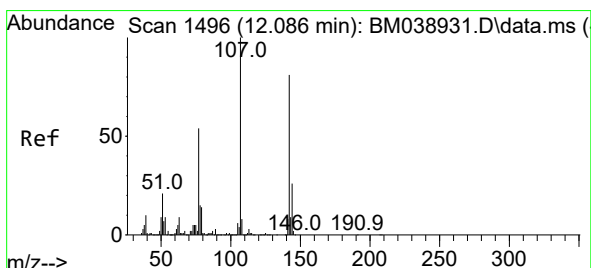
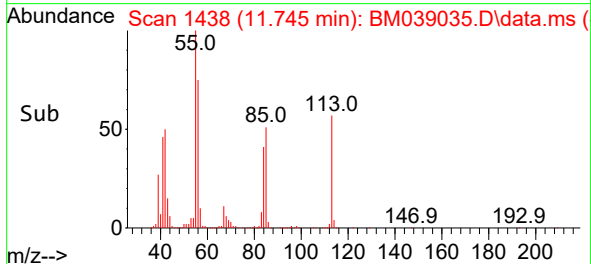
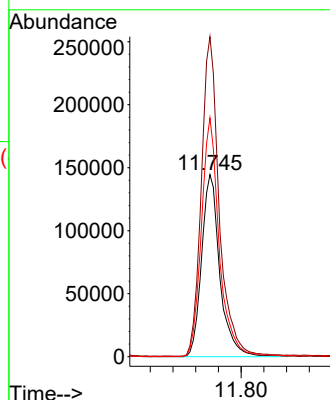
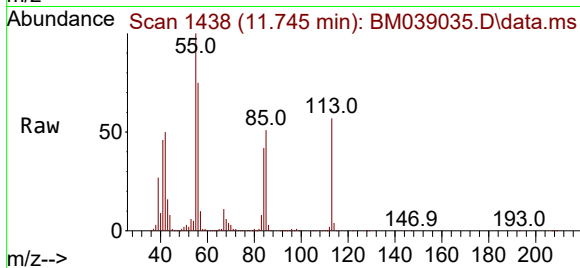




#35
Caprolactam
Concen: 42.597 ng
RT: 11.745 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

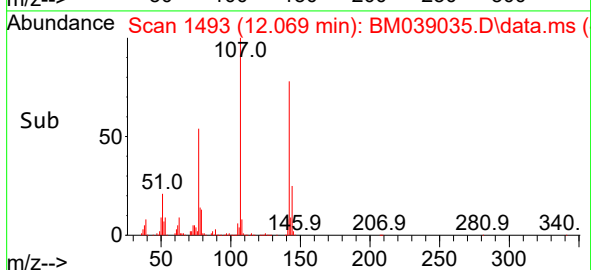
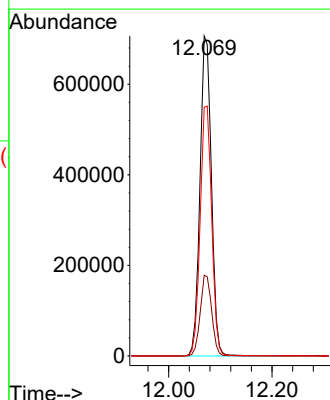
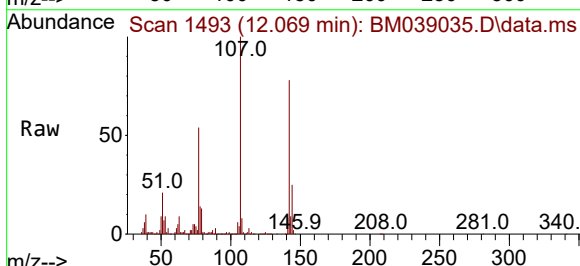
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

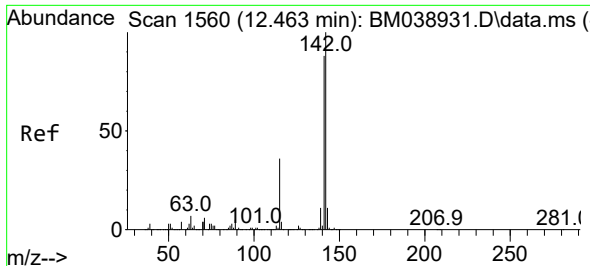
Tgt Ion:113 Resp: 320980
Ion Ratio Lower Upper
113 100
55 175.8 147.0 187.0
56 131.2 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 41.064 ng
RT: 12.069 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:107 Resp: 1082607
Ion Ratio Lower Upper
107 100
144 25.2 20.7 31.1
142 77.7 64.6 97.0

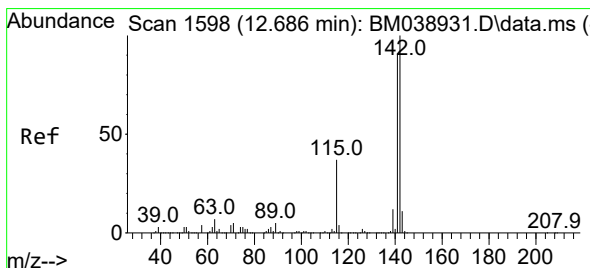
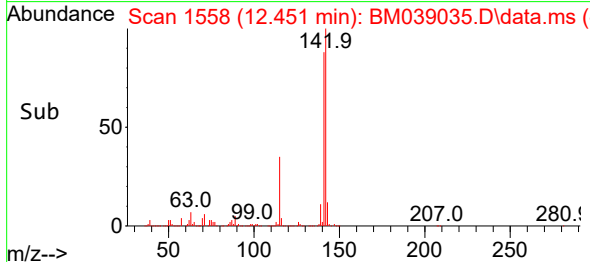
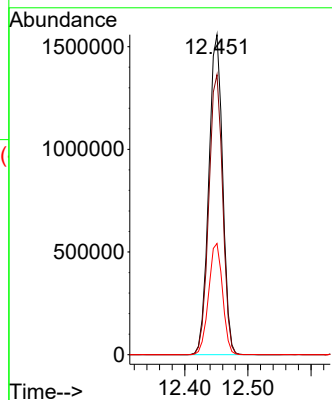
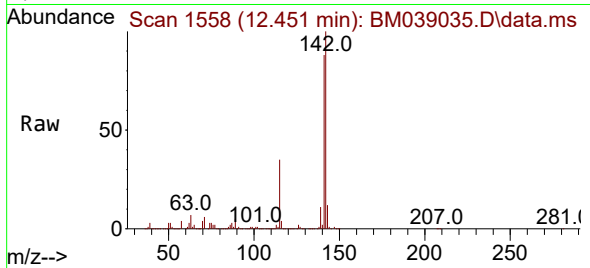




#37
2-Methylnaphthalene
Concen: 38.846 ng
RT: 12.451 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

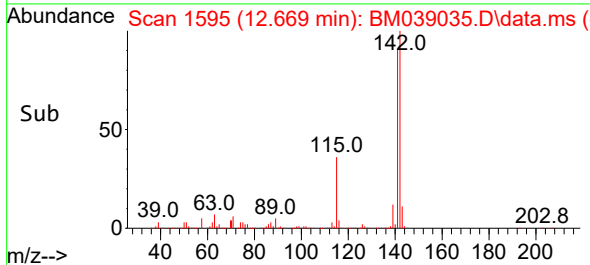
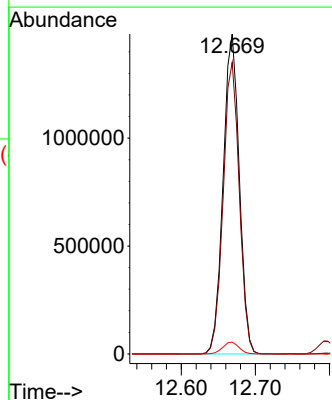
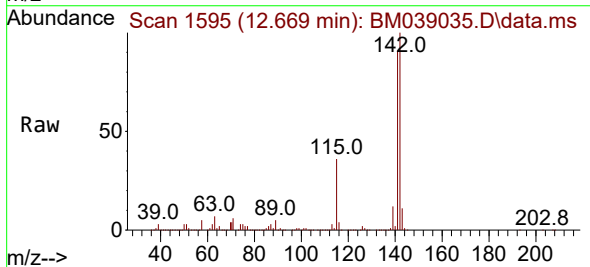
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

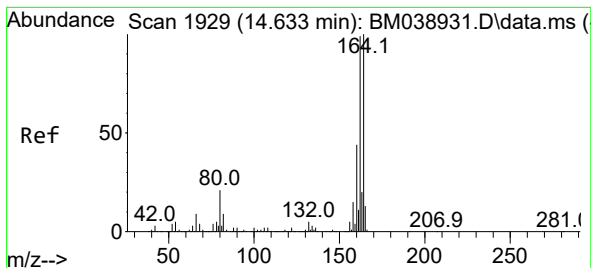
Tgt Ion:142 Resp: 2375115
Ion Ratio Lower Upper
142 100
141 87.5 70.6 106.0
115 34.7 28.5 42.7



#38
1-Methylnaphthalene
Concen: 39.163 ng
RT: 12.669 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:142 Resp: 2244002
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.622 min Scan# 1929

Delta R.T. 0.006 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

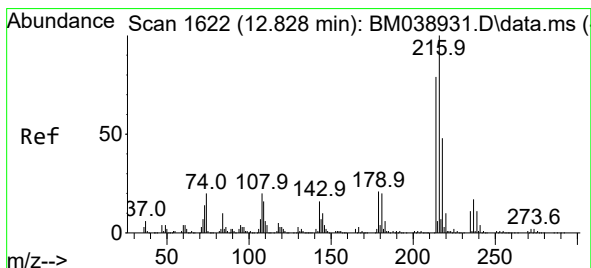
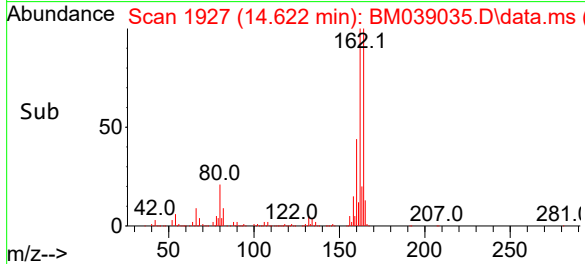
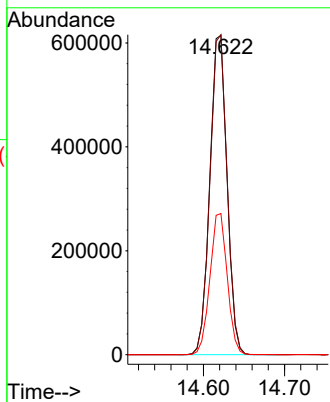
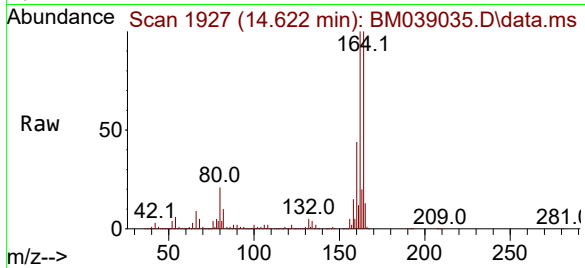
Tgt Ion:164 Resp: 902629

Ion Ratio Lower Upper

164 100

162 100.2 79.2 118.8

160 44.2 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.487 ng

RT: 12.816 min Scan# 1620

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Tgt Ion:216 Resp: 1070671

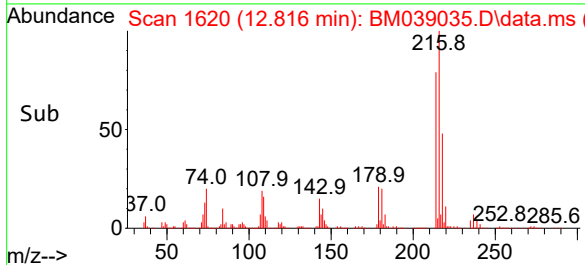
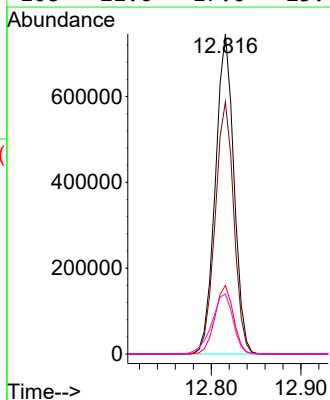
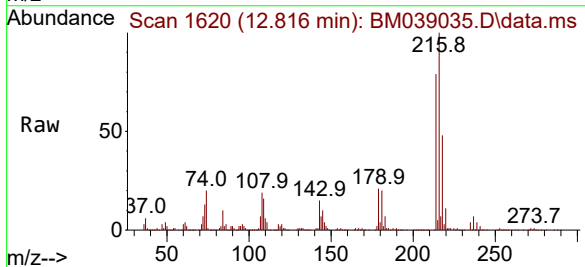
Ion Ratio Lower Upper

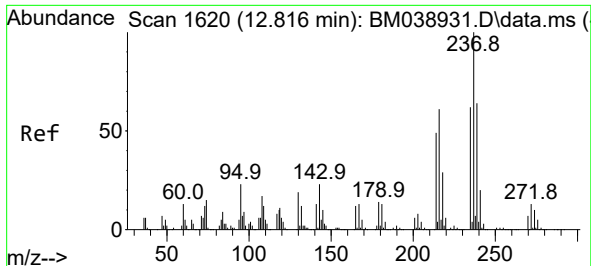
216 100

214 79.0 63.0 94.4

179 21.3 16.8 25.2

108 21.6 17.0 25.4

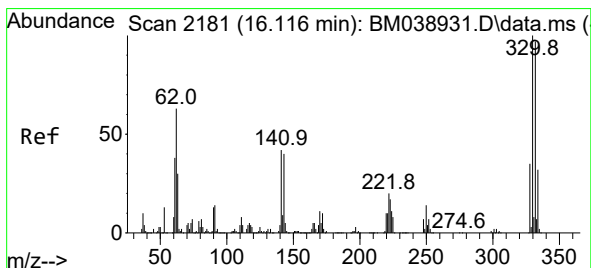
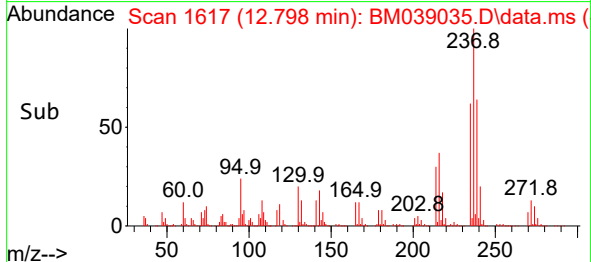
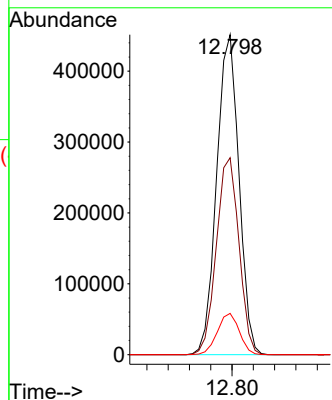
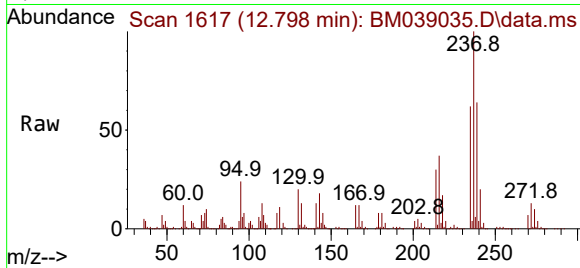




#41
Hexachlorocyclopentadiene
Concen: 40.633 ng
RT: 12.798 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

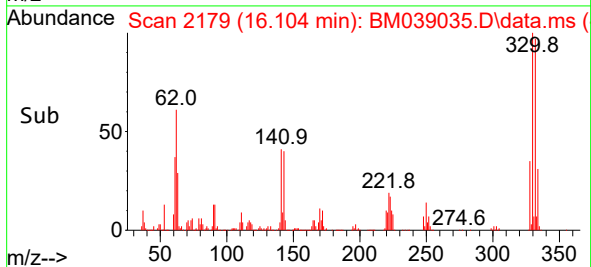
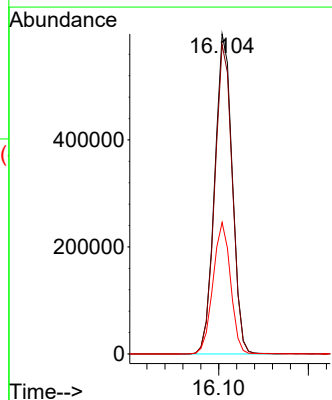
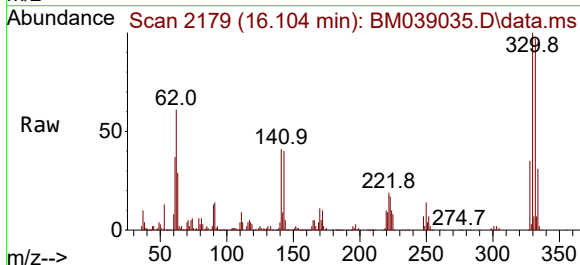
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

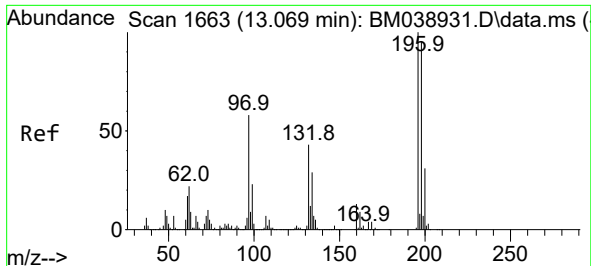
Tgt Ion:237 Resp: 654477
Ion Ratio Lower Upper
237 100
235 61.5 41.7 81.7
272 12.9 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 77.745 ng
RT: 16.104 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:330 Resp: 811812
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 41.1 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 39.632 ng

RT: 13.051 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

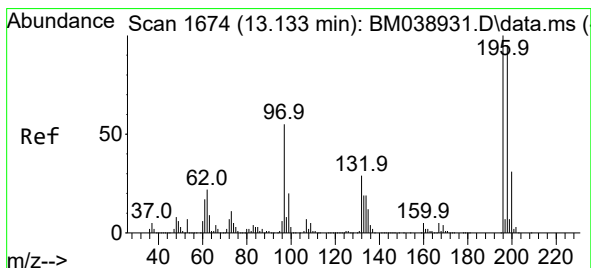
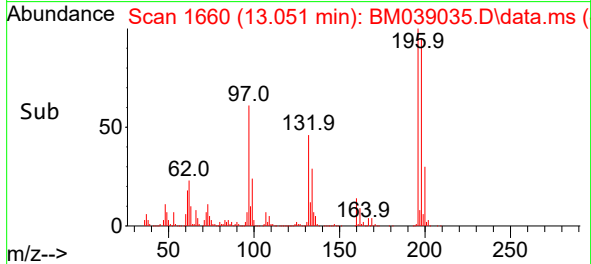
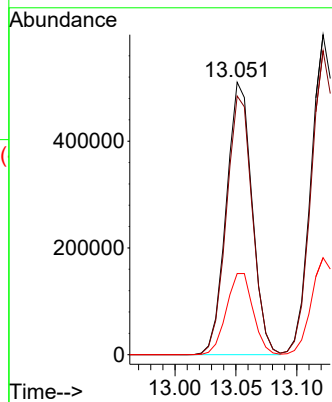
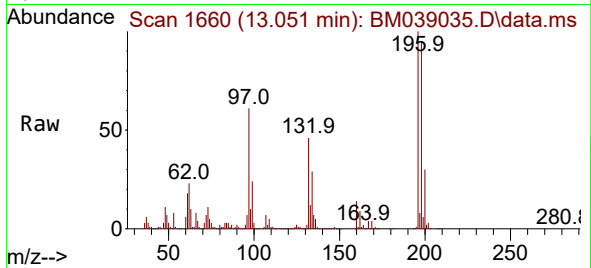
Tgt Ion:196 Resp: 753074

Ion Ratio Lower Upper

196 100

198 94.9 75.8 113.8

200 29.8 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 39.598 ng

RT: 13.122 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Tgt Ion:196 Resp: 880731

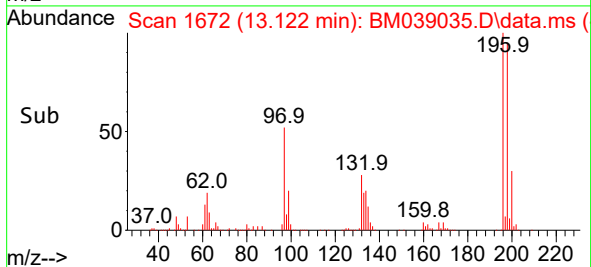
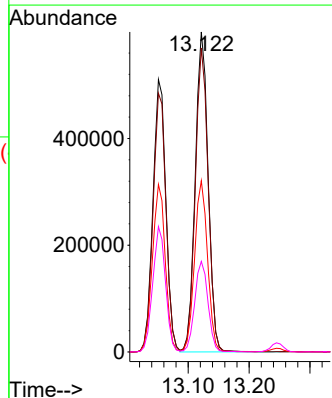
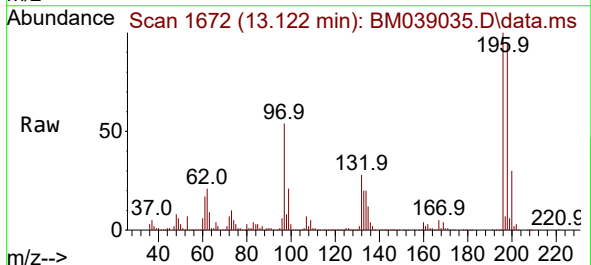
Ion Ratio Lower Upper

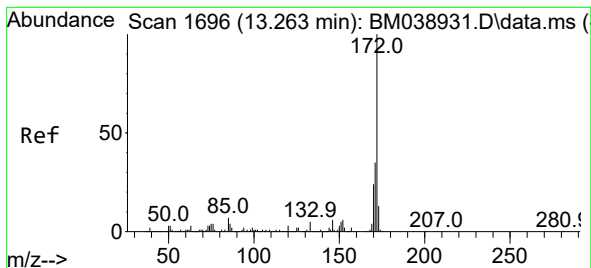
196 100

198 95.0 76.3 114.5

97 53.5 44.2 66.4

132 28.3 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 74.961 ng

RT: 13.245 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

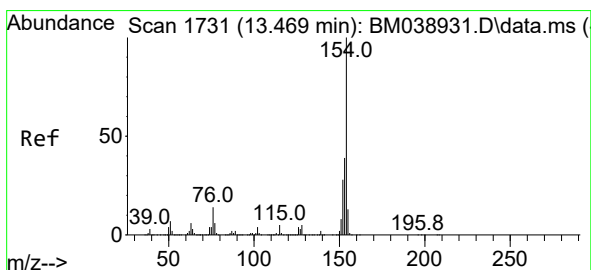
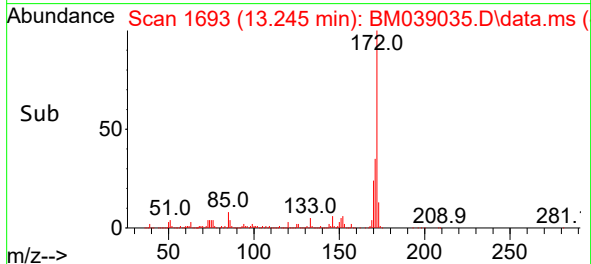
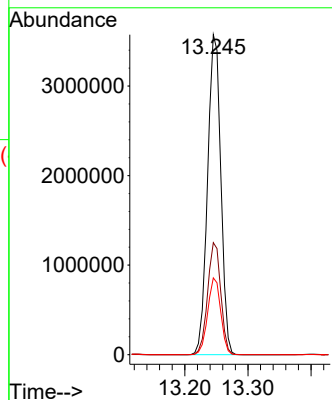
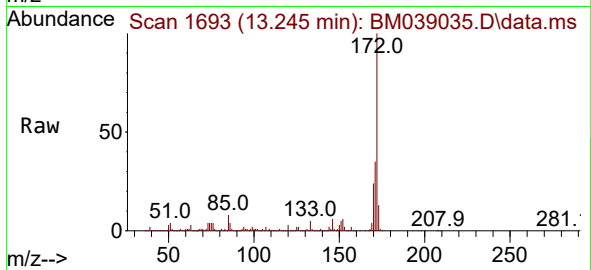
Tgt Ion:172 Resp: 5197582

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 37.504 ng

RT: 13.457 min Scan# 1729

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

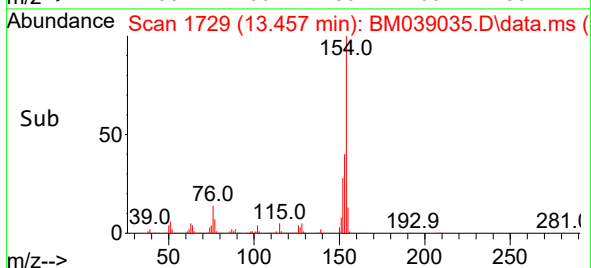
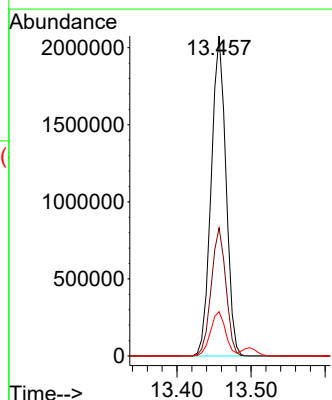
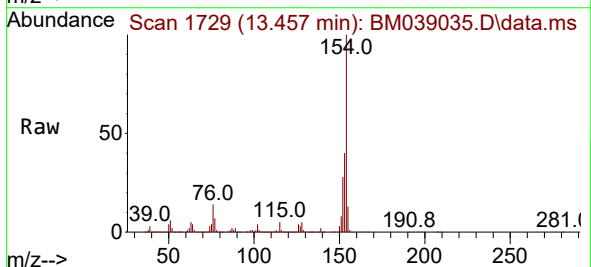
Tgt Ion:154 Resp: 2867907

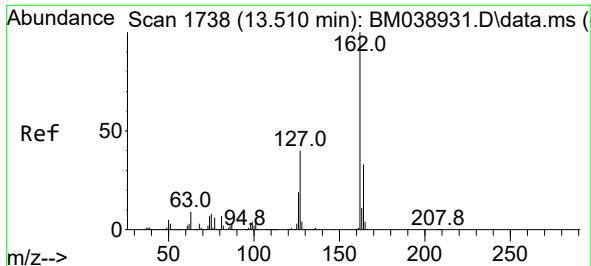
Ion Ratio Lower Upper

154 100

153 40.0 19.3 59.3

76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 37.255 ng

RT: 13.498 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

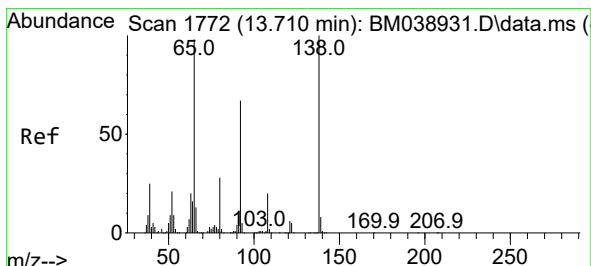
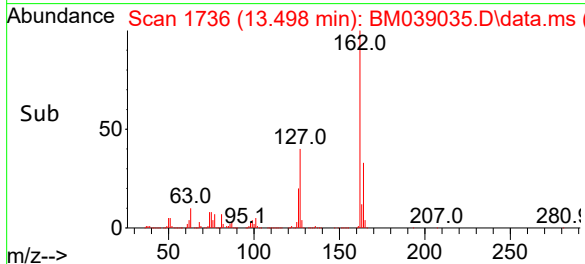
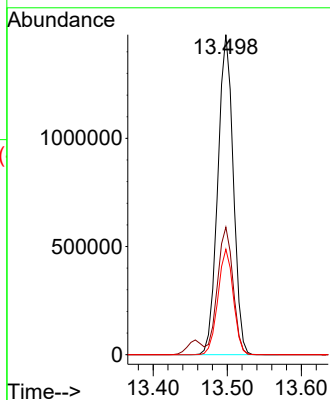
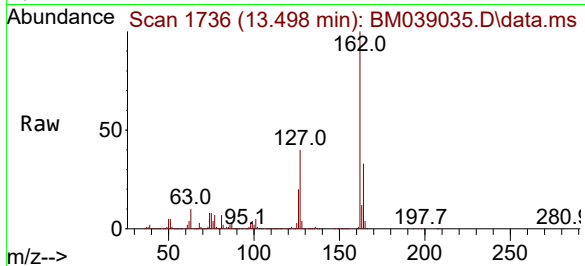
Tgt Ion:162 Resp: 2148194

Ion Ratio Lower Upper

162 100

127 39.8 32.1 48.1

164 33.0 26.2 39.4



#48

2-Nitroaniline

Concen: 40.524 ng

RT: 13.698 min Scan# 1770

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

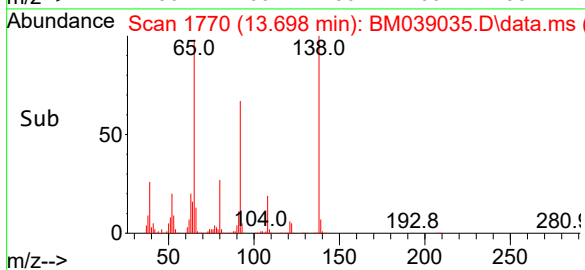
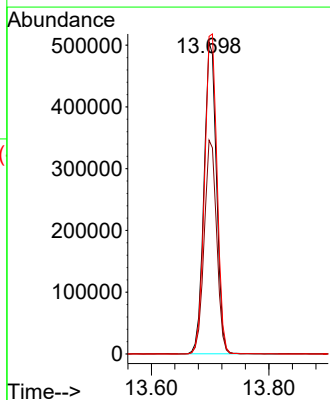
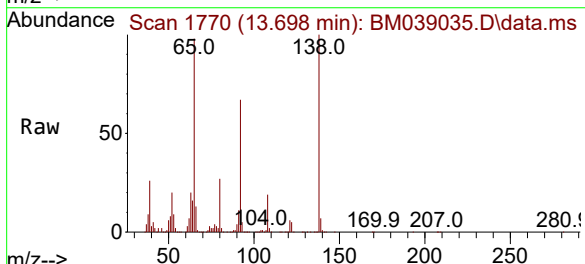
Tgt Ion: 65 Resp: 741482

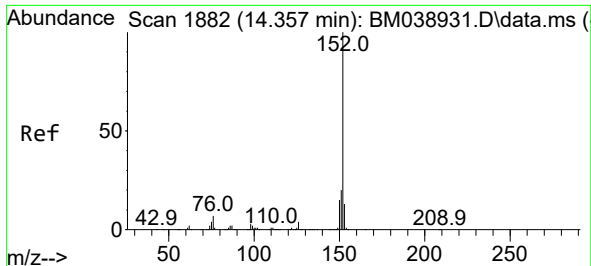
Ion Ratio Lower Upper

65 100

92 68.6 54.9 82.3

138 101.9 81.6 122.4

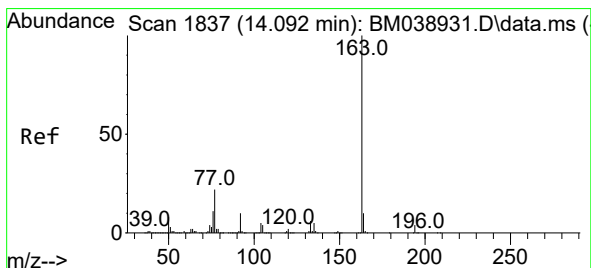
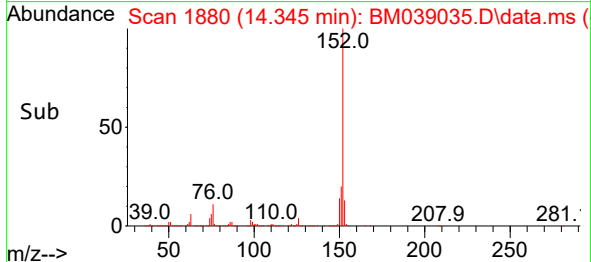
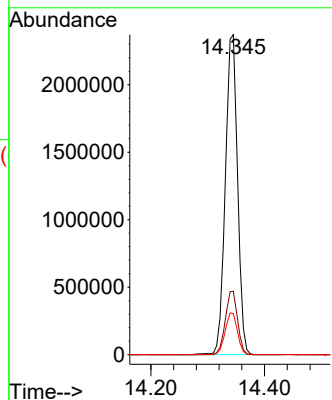
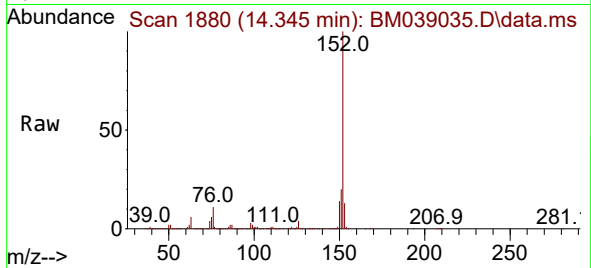




#49
Acenaphthylene
Concen: 38.725 ng
RT: 14.345 min Scan# 1880
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

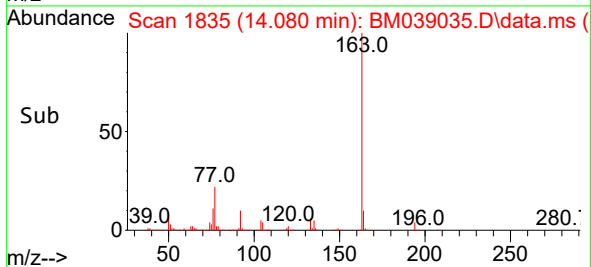
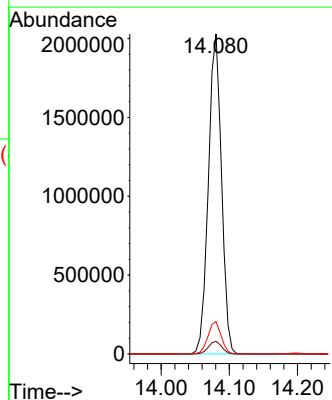
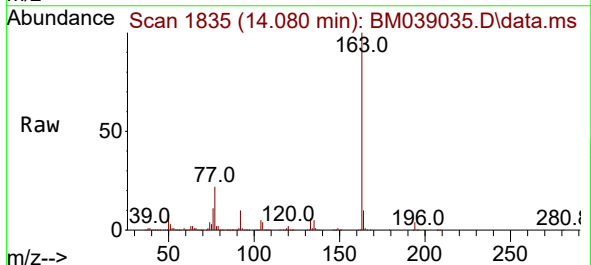
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

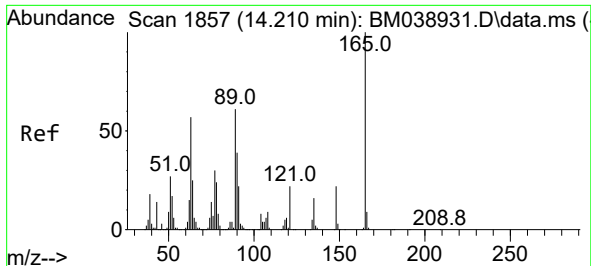
Tgt Ion:152 Resp: 3556836
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 39.066 ng
RT: 14.080 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:163 Resp: 2713381
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1

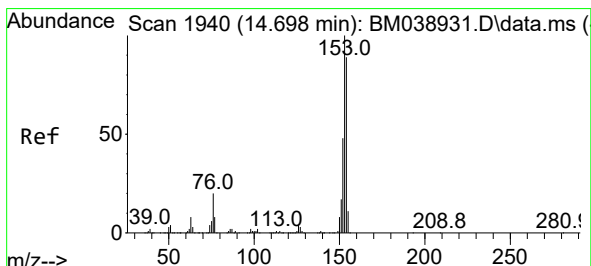
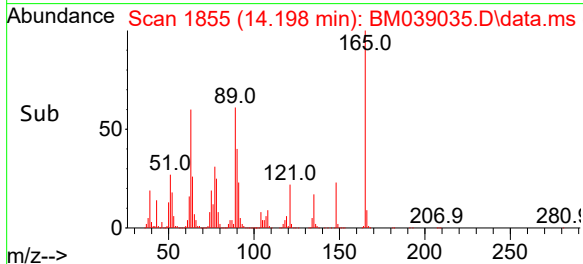
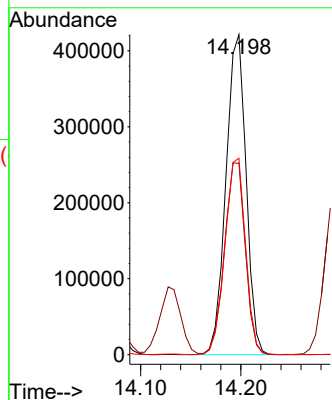
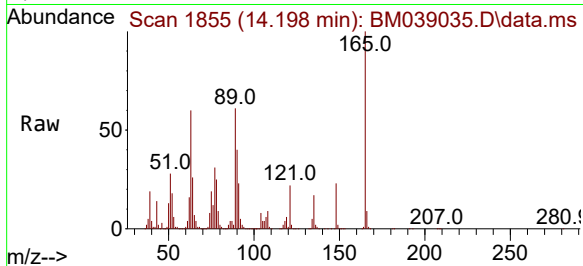




#51
2,6-Dinitrotoluene
Concen: 38.540 ng
RT: 14.198 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

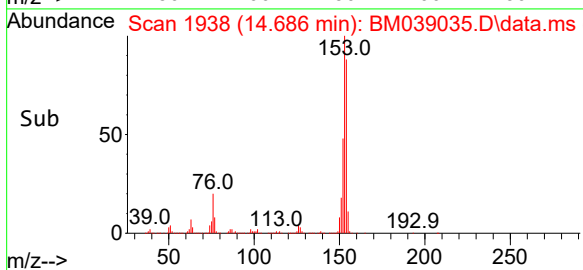
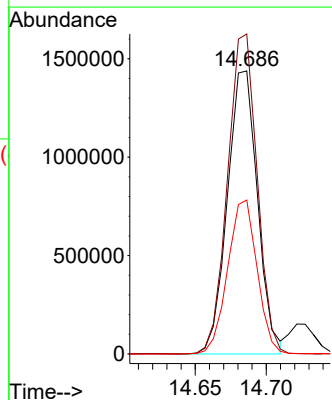
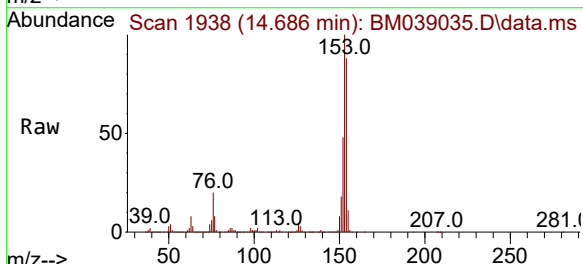
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

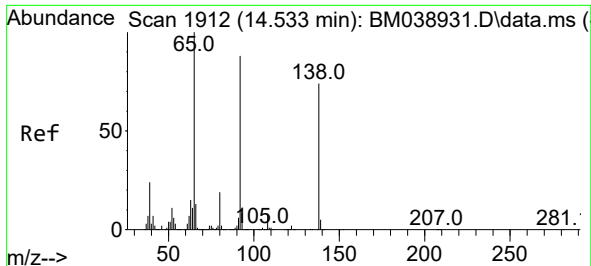
Tgt Ion:165 Resp: 587342
Ion Ratio Lower Upper
165 100
63 59.9 46.6 70.0
89 61.4 48.6 73.0



#52
Acenaphthene
Concen: 37.671 ng
RT: 14.686 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:154 Resp: 2126421
Ion Ratio Lower Upper
154 100
153 113.0 90.2 135.2
152 54.3 43.4 65.2

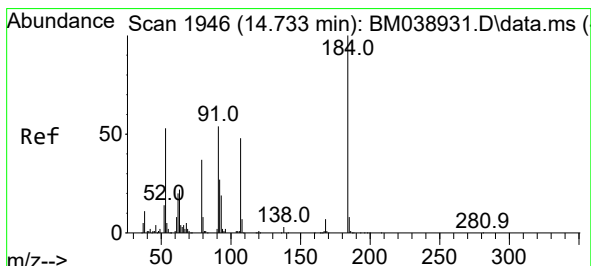
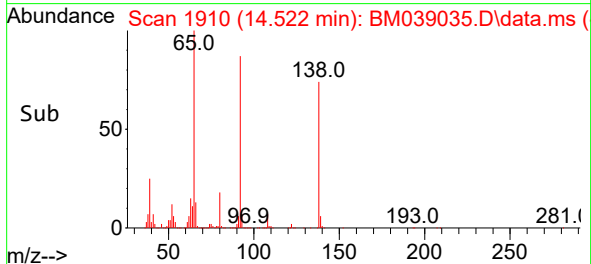
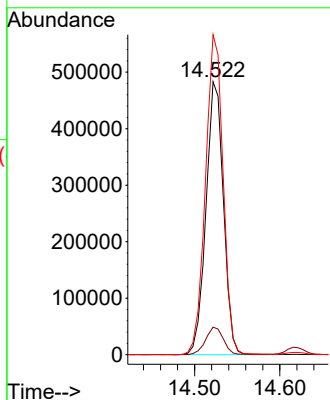
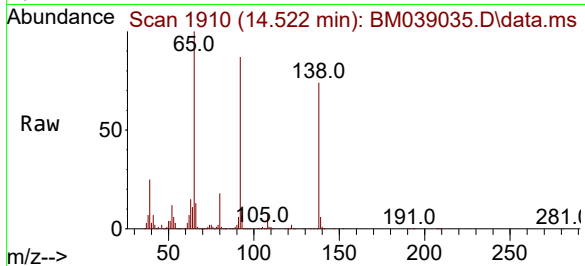




#53
3-Nitroaniline
Concen: 38.619 ng
RT: 14.522 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

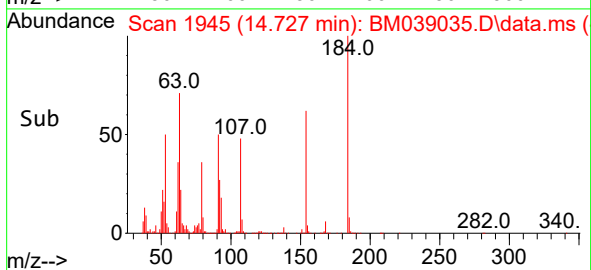
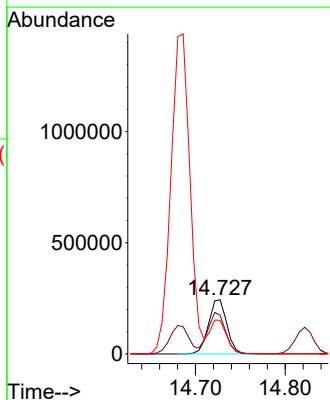
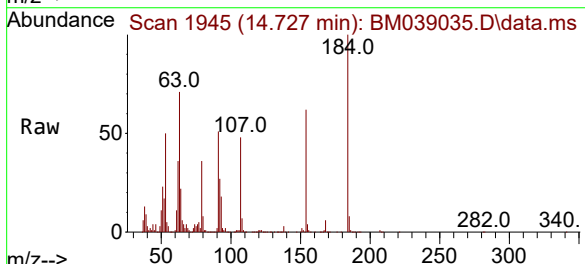
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

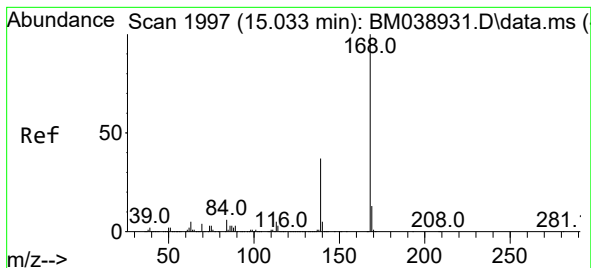
Tgt Ion:138 Resp: 687698
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 117.2 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 41.791 ng
RT: 14.727 min Scan# 1945
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:184 Resp: 345562
Ion Ratio Lower Upper
184 100
63 71.3 60.6 90.8
154 62.0 51.4 77.2





#55

Dibenzenofuran

Concen: 37.571 ng

RT: 15.016 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

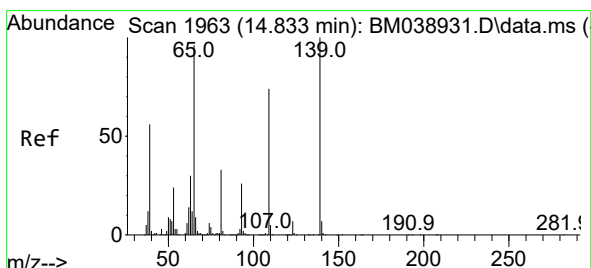
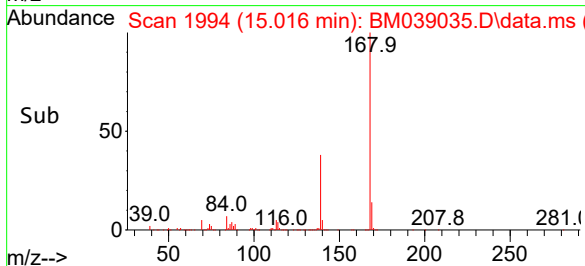
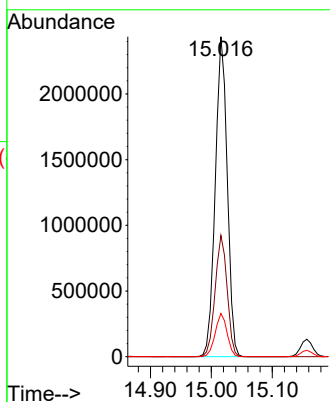
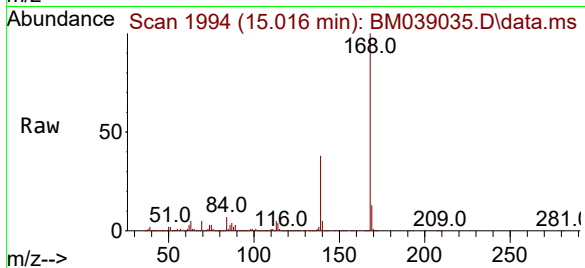
Tgt Ion:168 Resp: 3318624

Ion Ratio Lower Upper

168 100

139 37.9 29.9 44.9

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 40.051 ng

RT: 14.822 min Scan# 1961

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

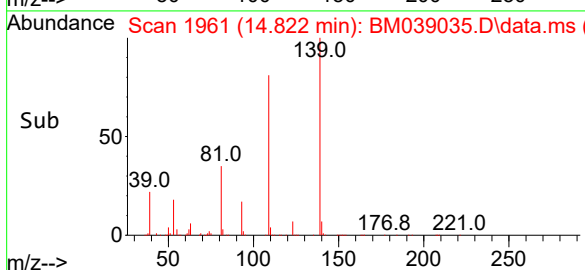
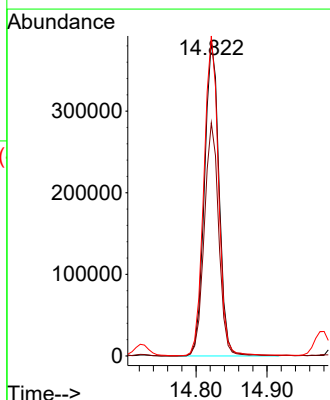
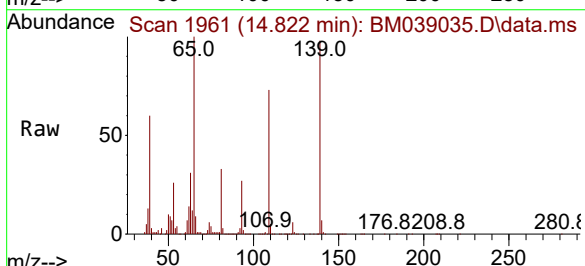
Tgt Ion:139 Resp: 552479

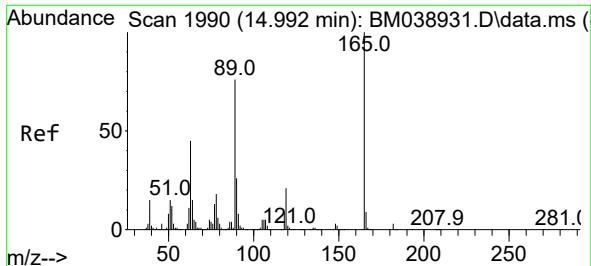
Ion Ratio Lower Upper

139 100

109 74.0 53.5 93.5

65 101.6 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 39.029 ng

RT: 14.980 min Scan# 1990

Delta R.T. 0.006 min

Lab File: BM039035.D

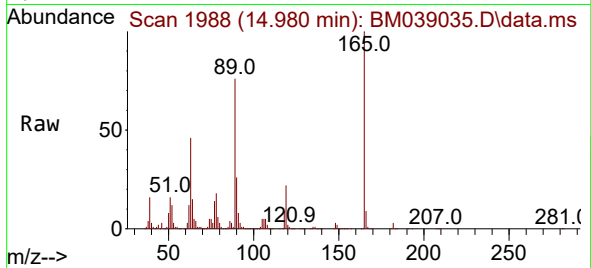
Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC



Tgt Ion:165 Resp: 780789

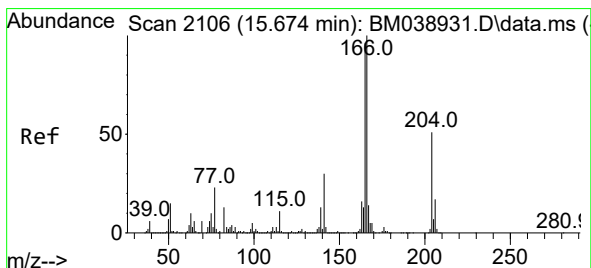
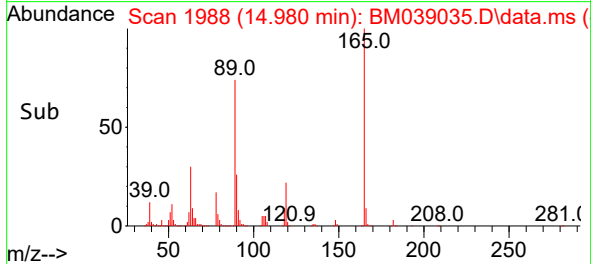
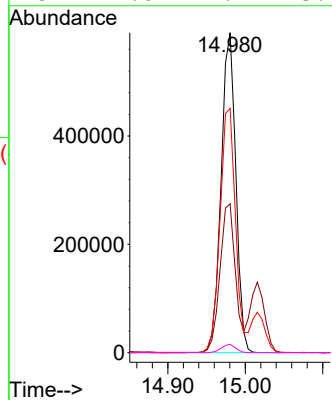
Ion Ratio Lower Upper

165 100

63 46.5 35.9 53.9

89 76.3 61.0 91.6

182 2.6 2.1 3.1



#58

Fluorene

Concen: 38.520 ng

RT: 15.663 min Scan# 2104

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

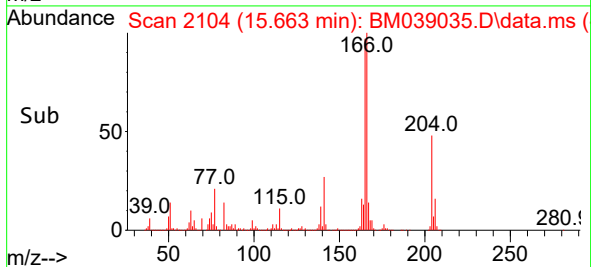
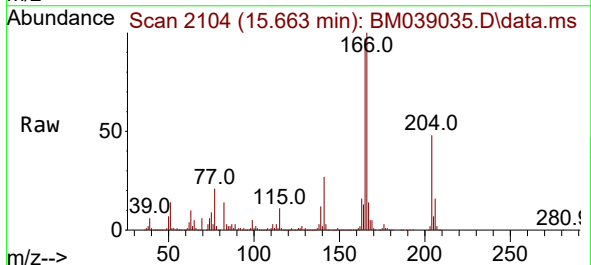
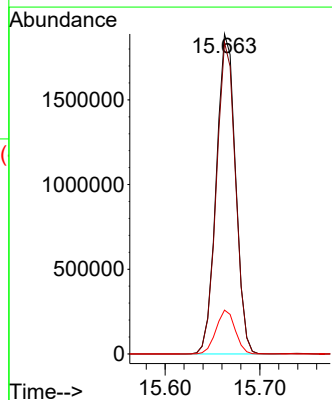
Tgt Ion:166 Resp: 2665283

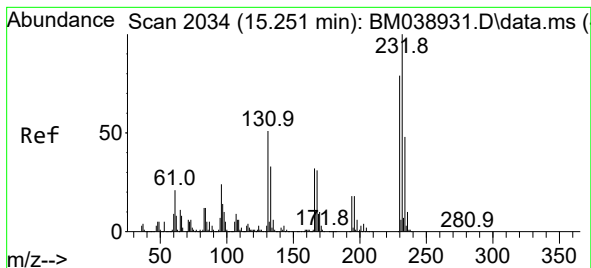
Ion Ratio Lower Upper

166 100

165 97.4 77.1 115.7

167 13.7 10.9 16.3

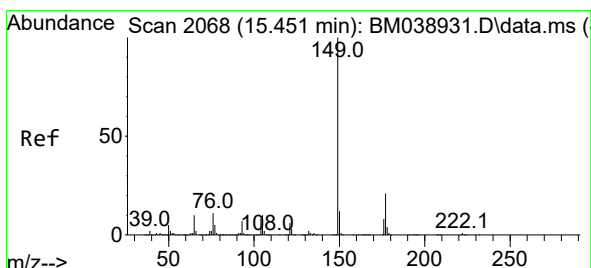
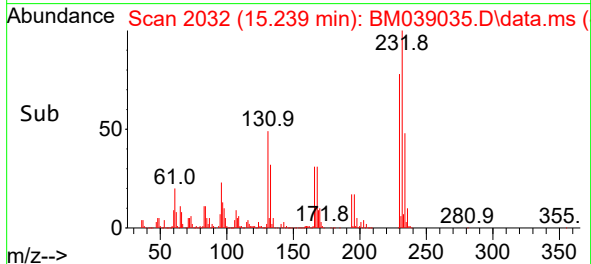
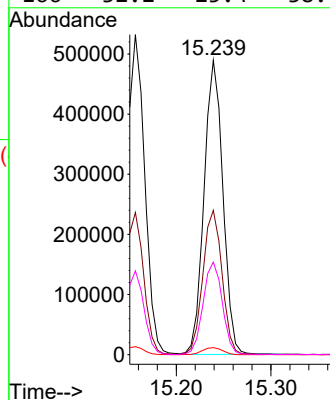
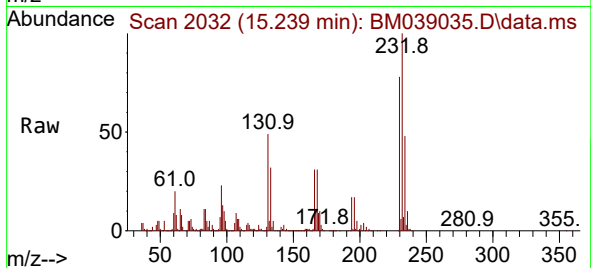




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.373 ng
RT: 15.239 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

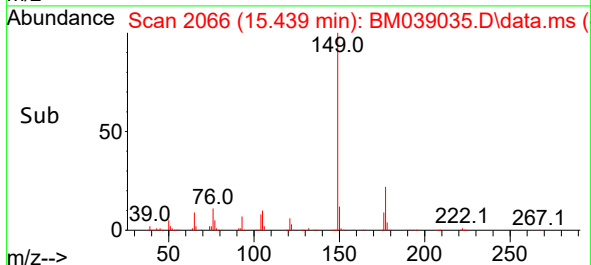
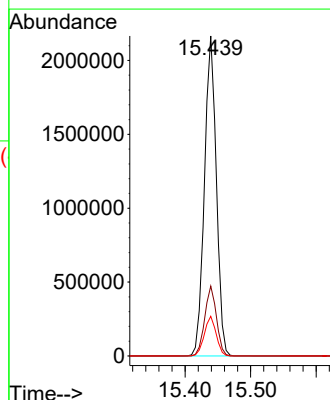
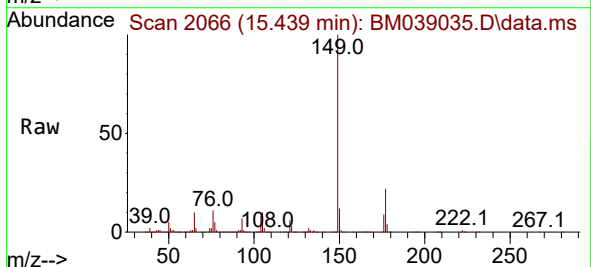
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

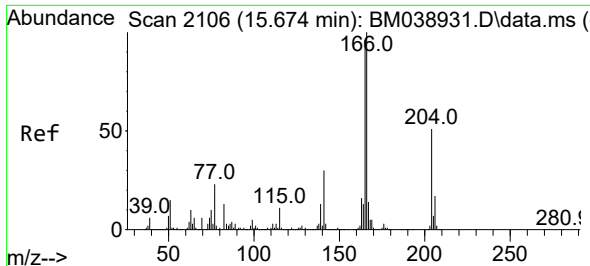
Tgt Ion:232 Resp: 675375
Ion Ratio Lower Upper
232 100
131 49.9 40.0 60.0
130 2.6 2.0 3.0
166 32.2 25.4 38.0



#60
Diethylphthalate
Concen: 40.518 ng
RT: 15.439 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:149 Resp: 2738288
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.4 9.7 14.5

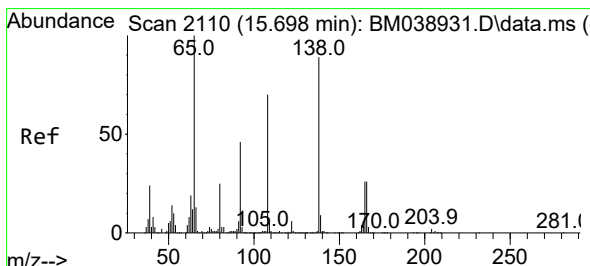
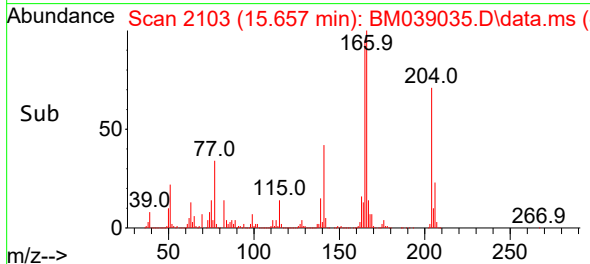
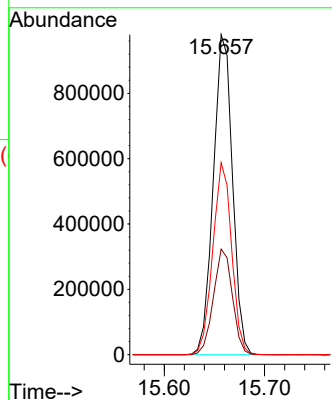
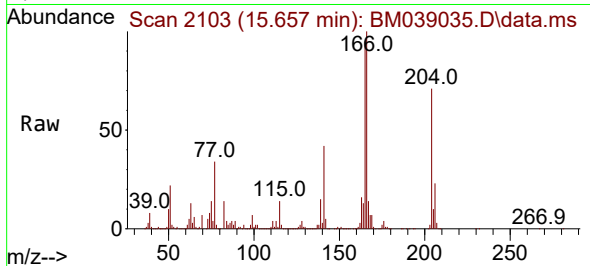




#61
4-Chlorophenyl-phenylether
Concen: 38.239 ng
RT: 15.657 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

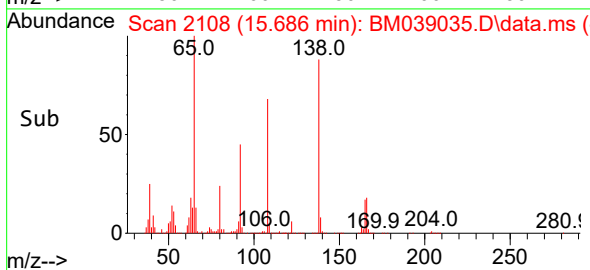
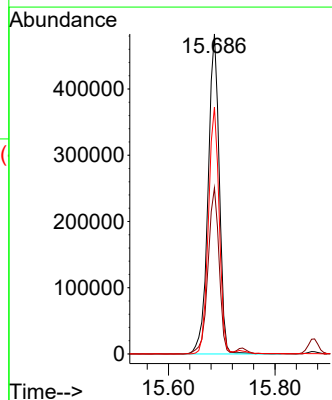
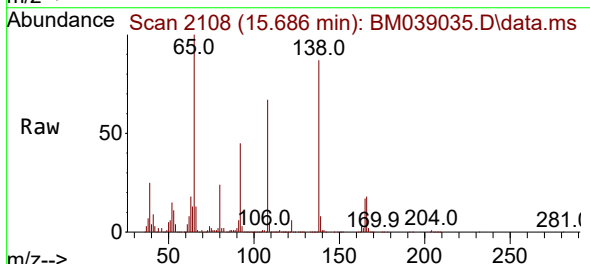
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

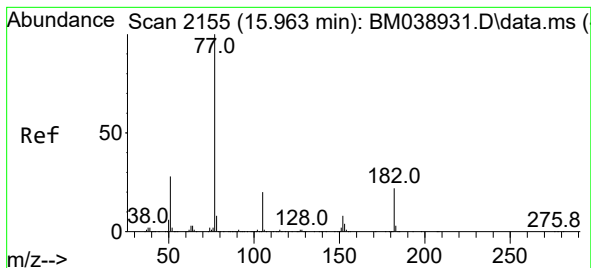
Tgt Ion:204 Resp: 1299808
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 60.0 46.4 69.6



#62
4-Nitroaniline
Concen: 38.894 ng
RT: 15.686 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:138 Resp: 704582
Ion Ratio Lower Upper
138 100
92 51.9 31.6 71.6
108 77.2 58.6 98.6





#63

Azobenzene

Concen: 41.037 ng

RT: 15.951 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 2934534

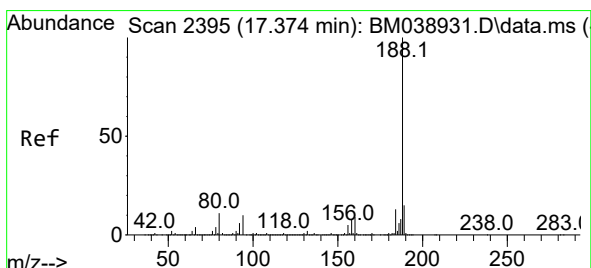
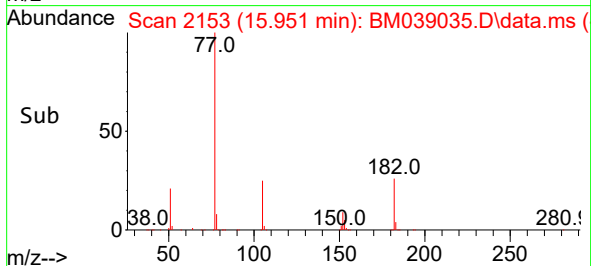
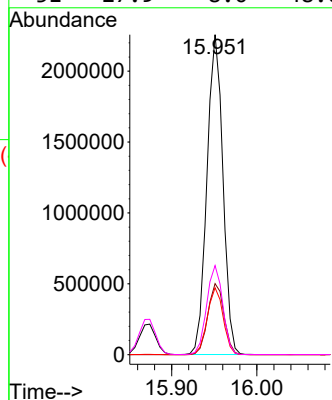
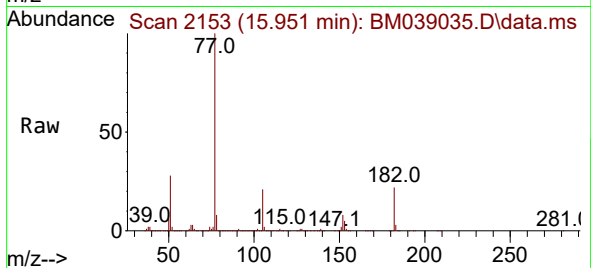
Ion Ratio Lower Upper

77 100

182 22.2 2.0 42.0

105 20.9 0.4 40.4

51 27.9 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.363 min Scan# 2393

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

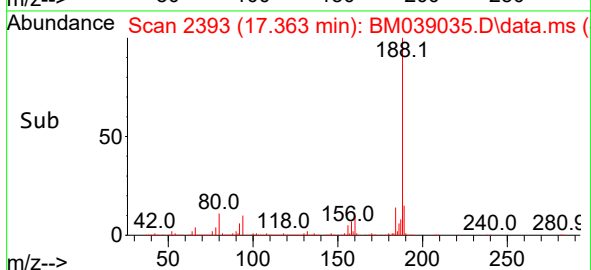
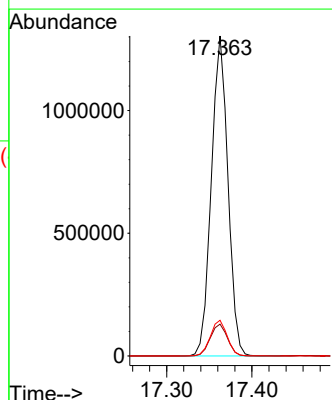
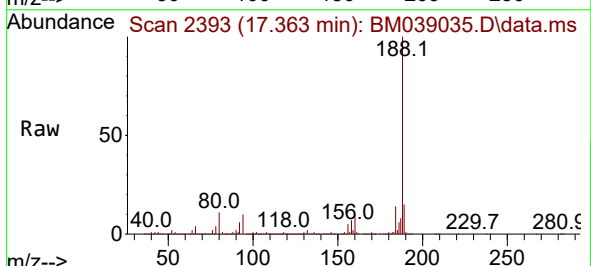
Tgt Ion:188 Resp: 1761386

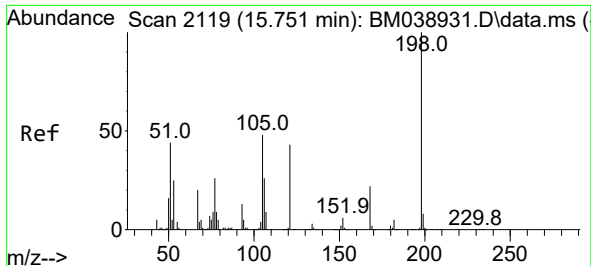
Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 11.1 8.5 12.7

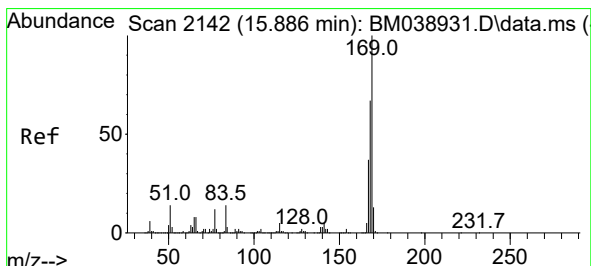
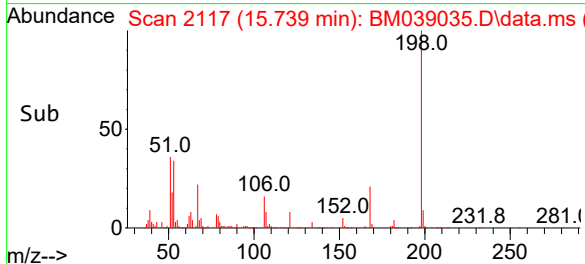
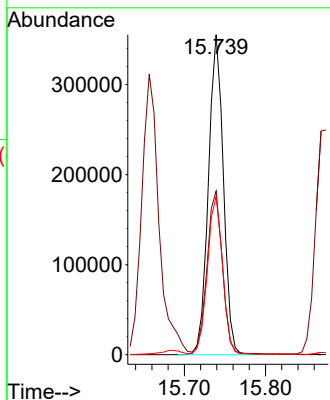
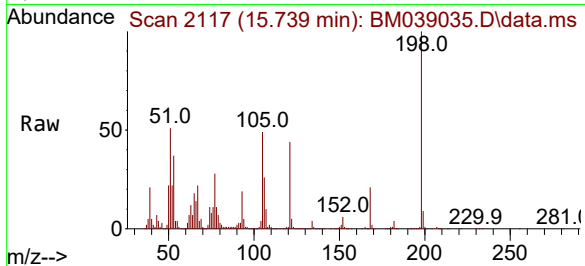




#65
4,6-Dinitro-2-methylphenol
Concen: 40.125 ng
RT: 15.739 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

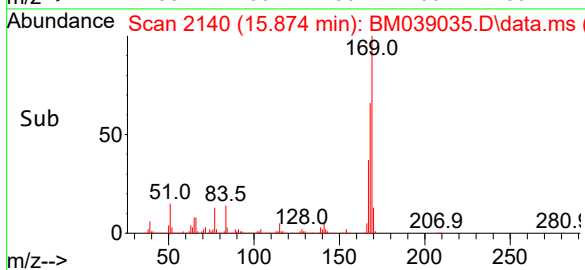
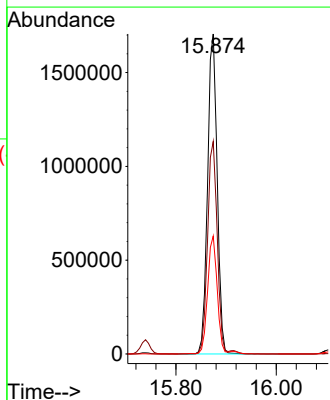
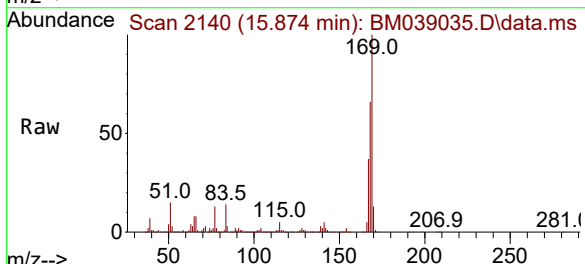
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

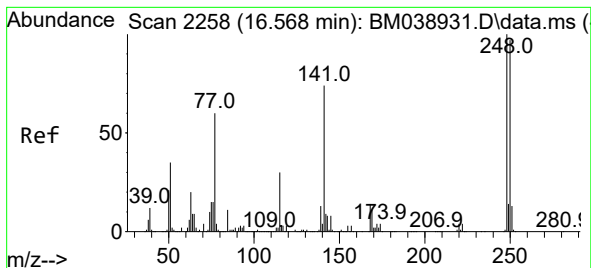
Tgt Ion:198 Resp: 453660
Ion Ratio Lower Upper
198 100
51 51.1 30.1 70.1
105 49.4 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 38.252 ng
RT: 15.874 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:169 Resp: 2271416
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 36.8 29.4 44.0

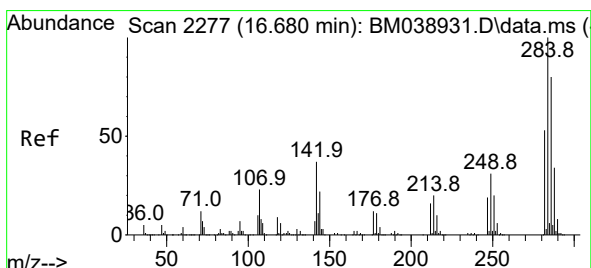
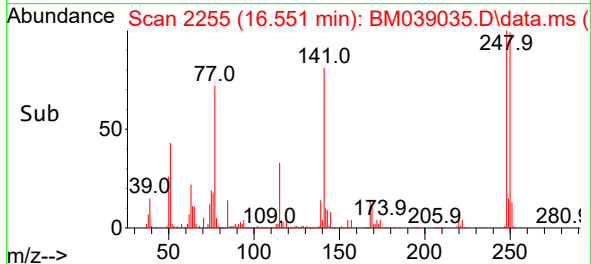
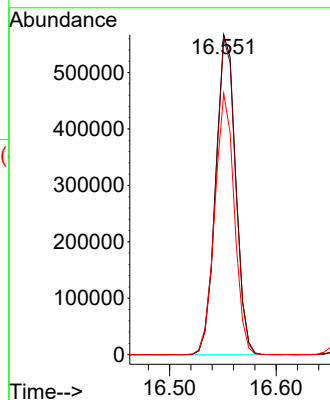
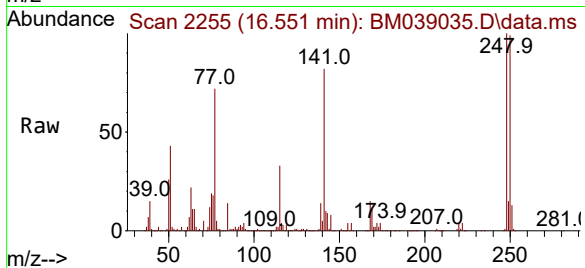




#67
4-Bromophenyl-phenylether
Concen: 38.700 ng
RT: 16.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

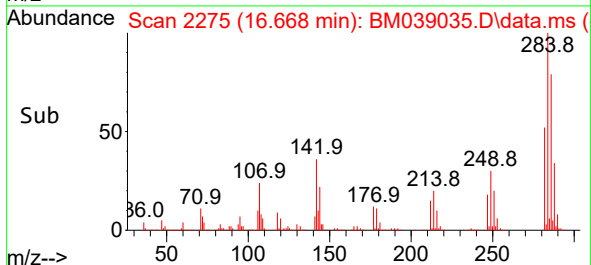
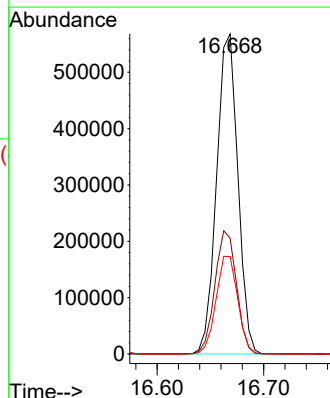
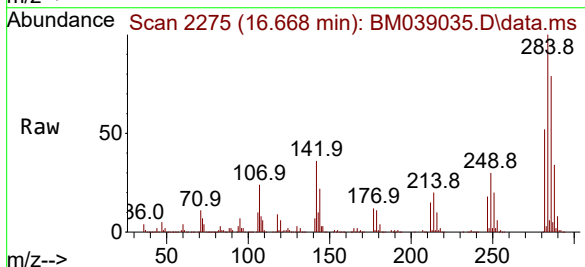
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

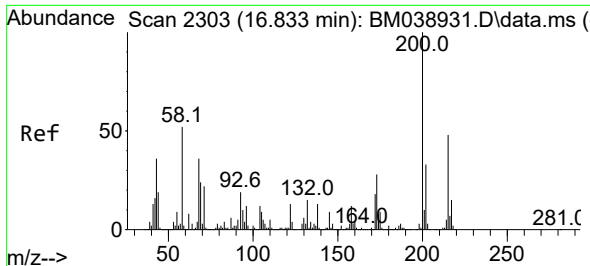
Tgt Ion:248 Resp: 736265
Ion Ratio Lower Upper
248 100
250 98.9 77.8 116.8
141 81.6 59.0 88.4



#68
Hexachlorobenzene
Concen: 36.964 ng
RT: 16.668 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:284 Resp: 786142
Ion Ratio Lower Upper
284 100
142 36.2 29.5 44.3
249 30.5 25.0 37.4

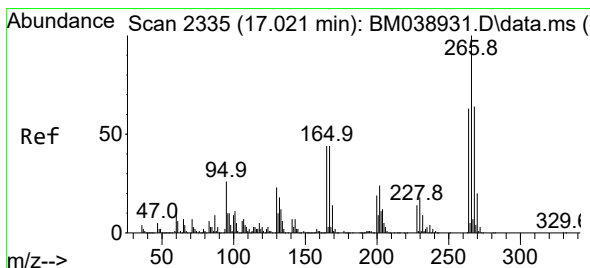
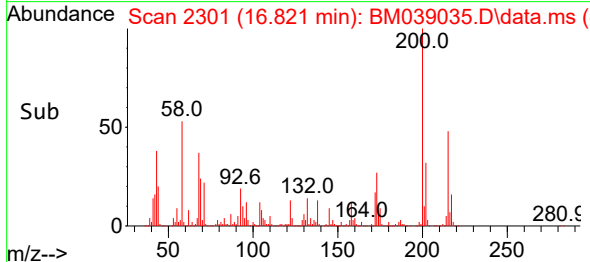
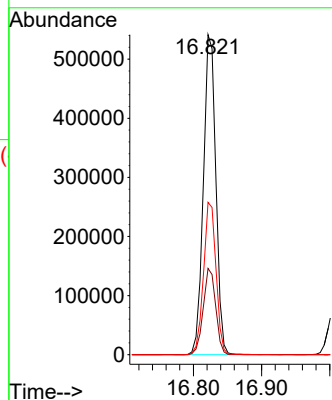
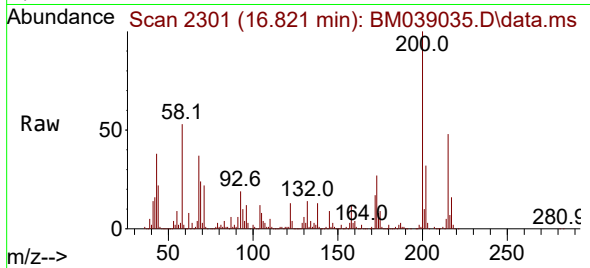




#69
 Atrazine
 Concen: 42.473 ng
 RT: 16.821 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039035.D
 Acq: 17 Mar 2023 15:28

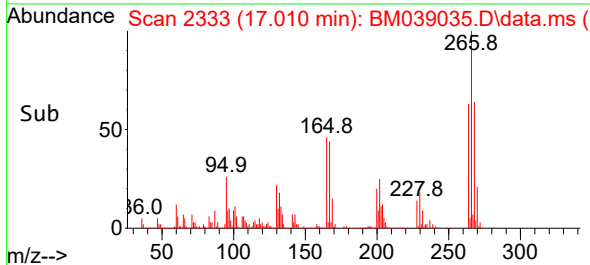
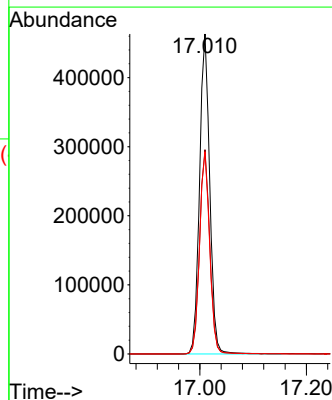
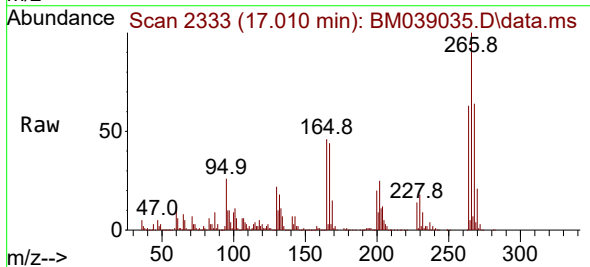
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

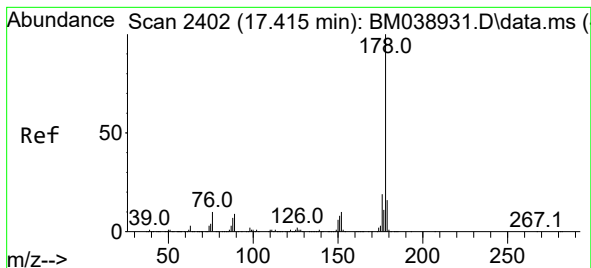
Tgt Ion:200 Resp: 688887
 Ion Ratio Lower Upper
 200 100
 173 27.0 8.2 48.2
 215 47.6 27.8 67.8



#70
 Pentachlorophenol
 Concen: 39.277 ng
 RT: 17.010 min Scan# 2333
 Delta R.T. 0.000 min
 Lab File: BM039035.D
 Acq: 17 Mar 2023 15:28

Tgt Ion:266 Resp: 614387
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.0 76.4
 264 63.2 50.3 75.5





#71

Phenanthrene

Concen: 37.798 ng

RT: 17.404 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

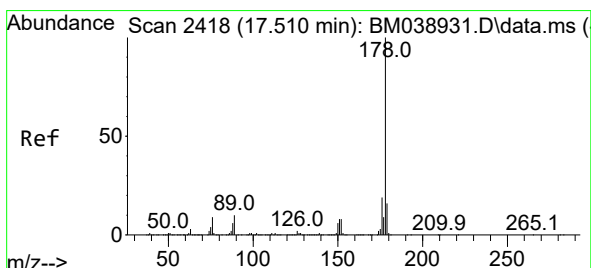
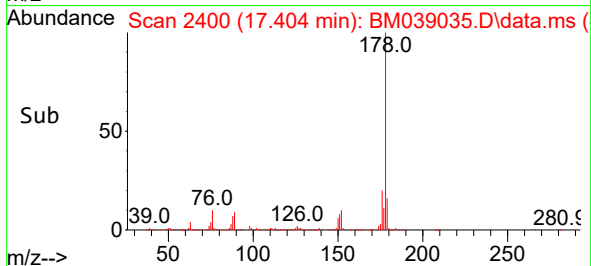
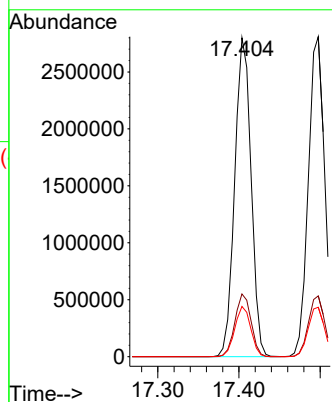
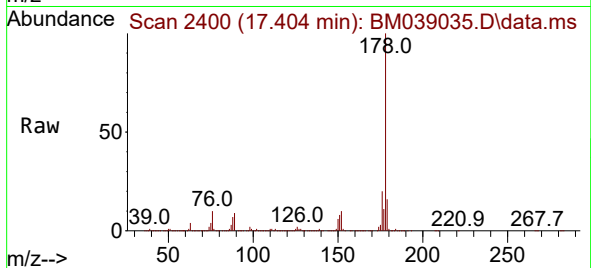
Tgt Ion:178 Resp: 3907442

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.8 12.5 18.7



#72

Anthracene

Concen: 38.543 ng

RT: 17.498 min Scan# 2416

Delta R.T. 0.006 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

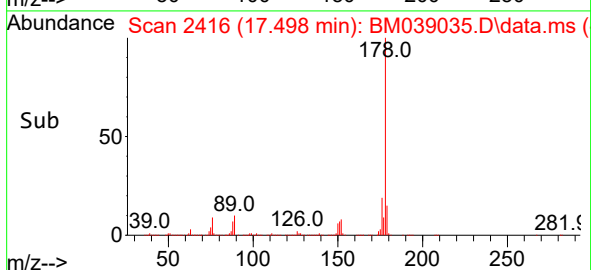
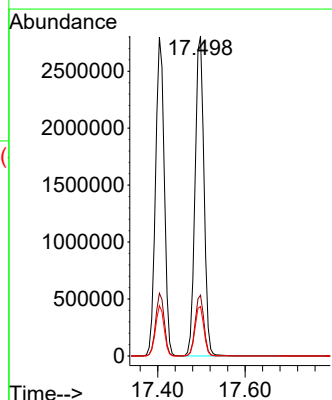
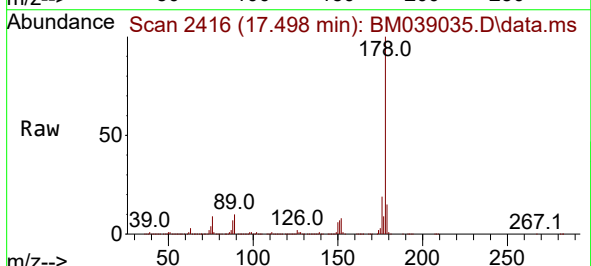
Tgt Ion:178 Resp: 3973524

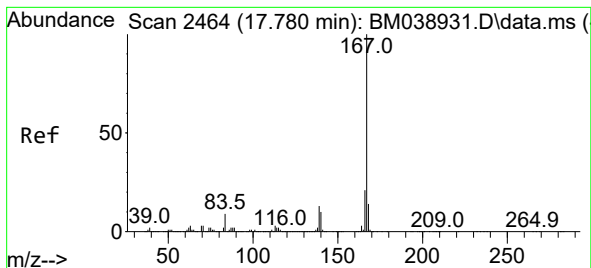
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.5 12.5 18.7





#73

Carbazole

Concen: 38.875 ng

RT: 17.768 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

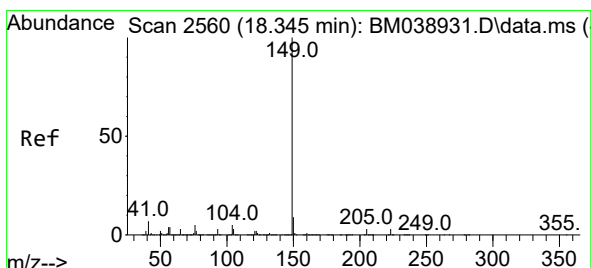
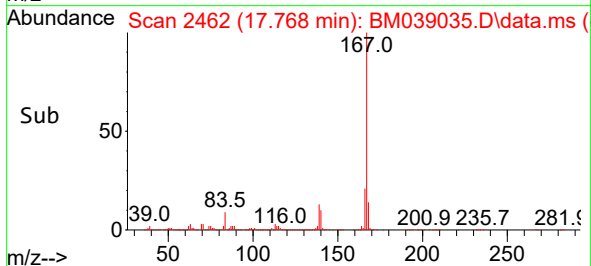
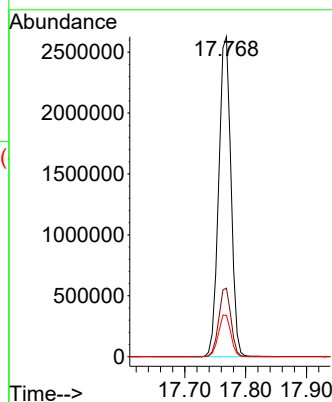
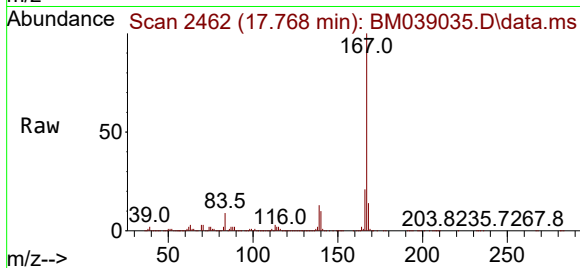
Tgt Ion:167 Resp: 3657699

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 41.594 ng

RT: 18.333 min Scan# 2558

Delta R.T. 0.006 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

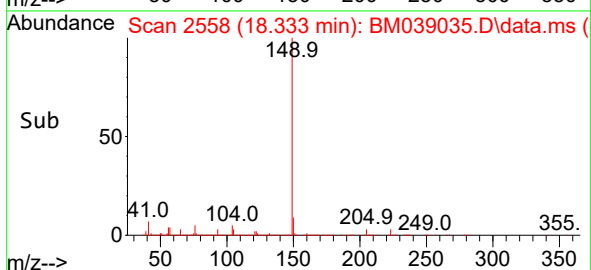
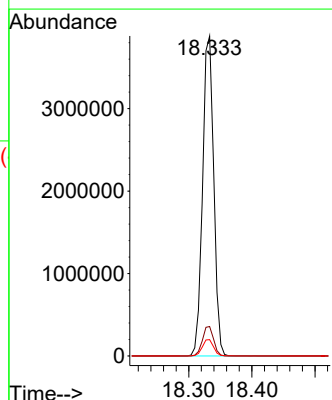
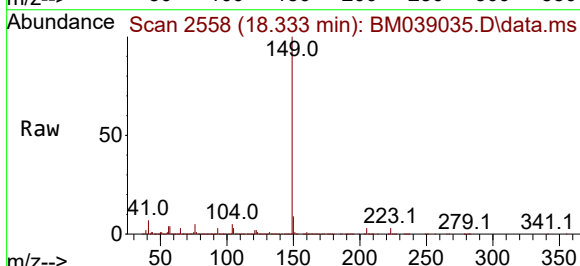
Tgt Ion:149 Resp: 4744662

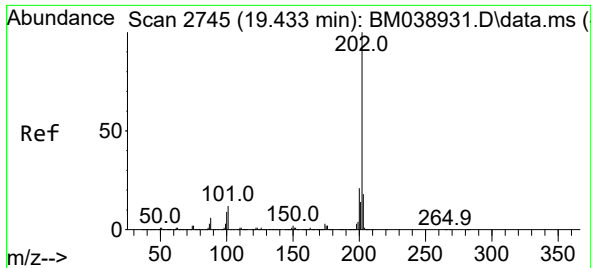
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.1 4.3 6.5

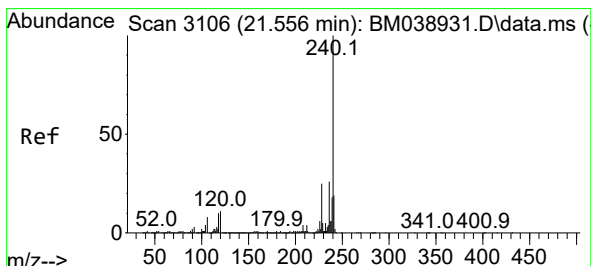
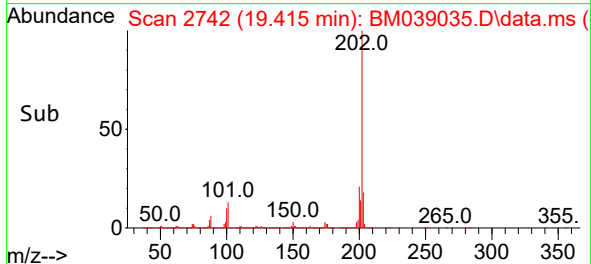
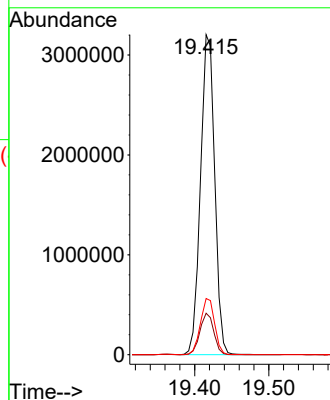
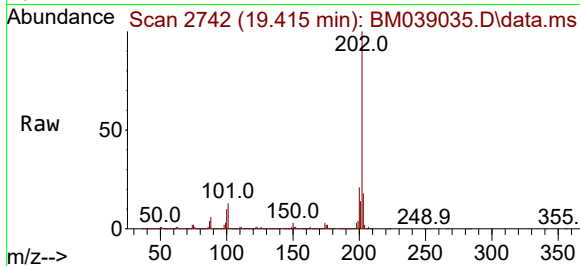




#75
Fluoranthene
Concen: 38.968 ng
RT: 19.415 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

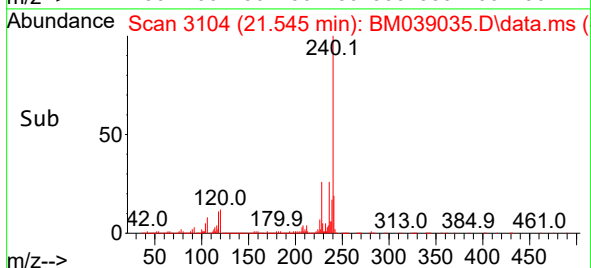
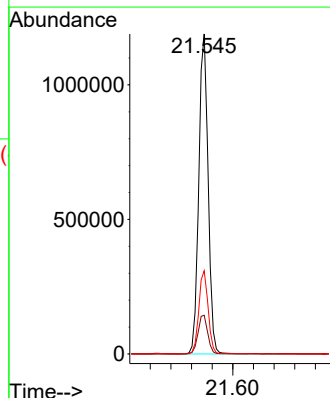
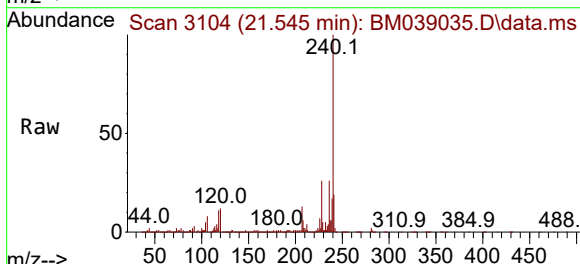
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

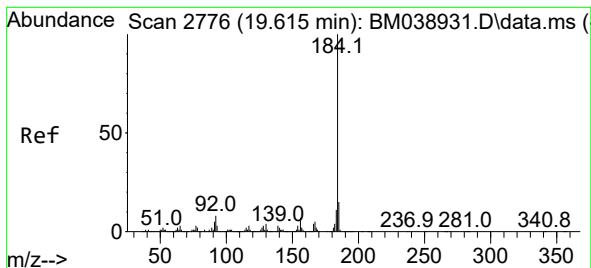
Tgt Ion:202 Resp: 4253384
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.7
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:240 Resp: 1488611
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.0 20.8 31.2





#77

Benzidine

Concen: 43.607 ng

RT: 19.604 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

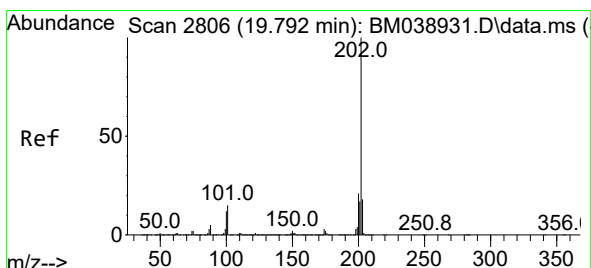
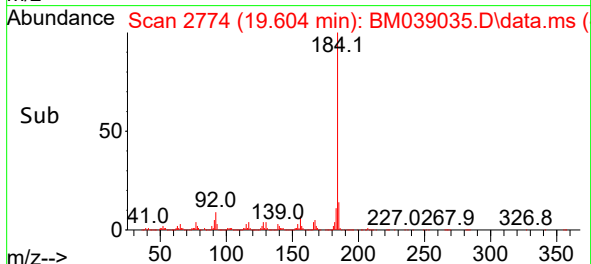
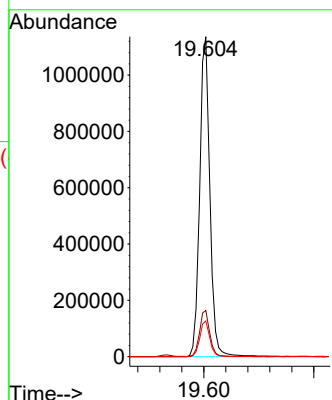
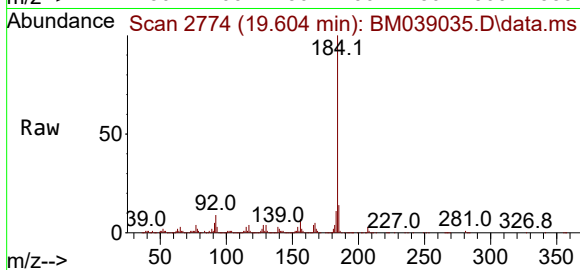
Tgt Ion:184 Resp: 1462800

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.4

183 11.1 8.8 13.2



#78

Pyrene

Concen: 39.560 ng

RT: 19.780 min Scan# 2804

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

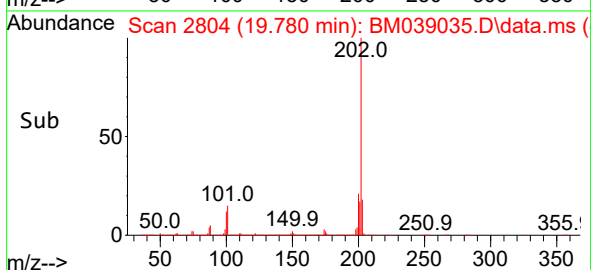
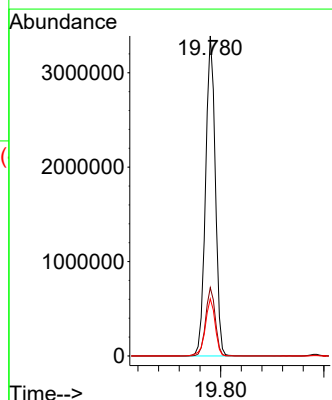
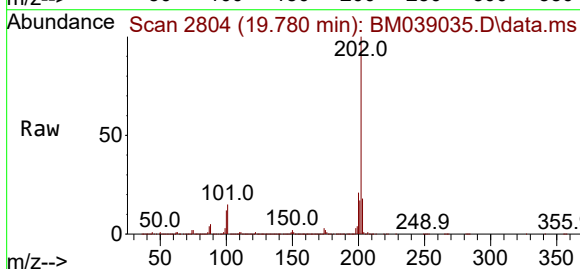
Tgt Ion:202 Resp: 4423116

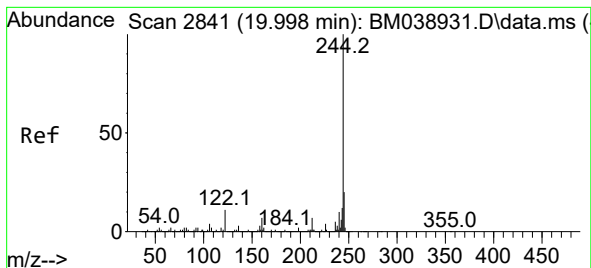
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 79.563 ng

RT: 19.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

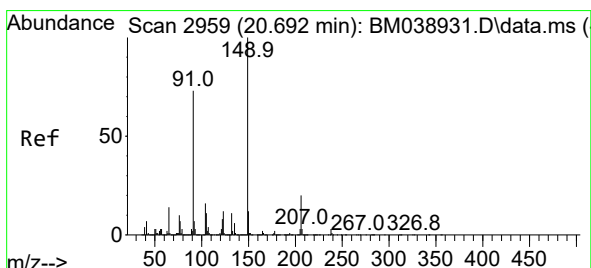
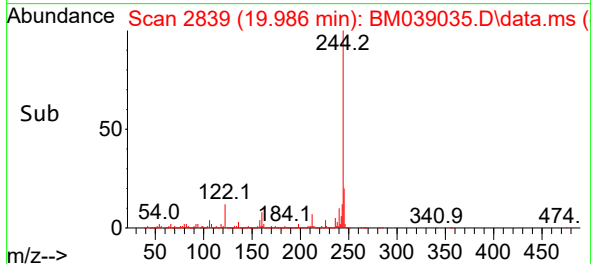
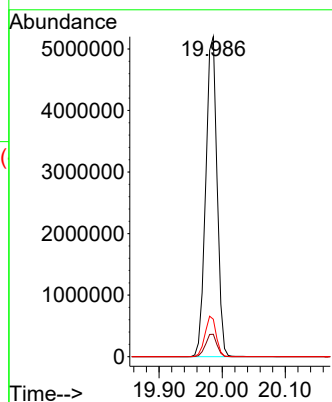
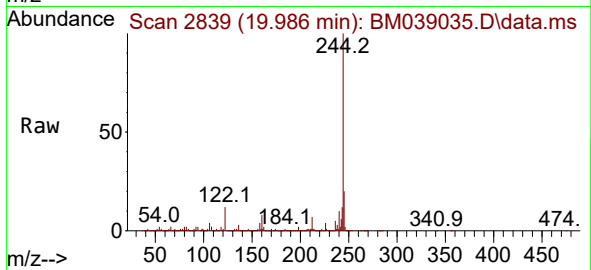
Tgt Ion:244 Resp: 6477921

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.7 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.186 ng

RT: 20.680 min Scan# 2957

Delta R.T. 0.006 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

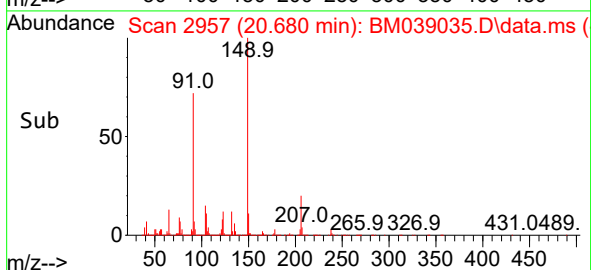
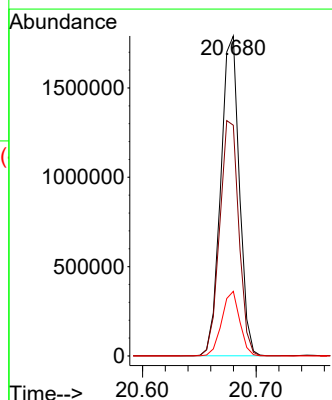
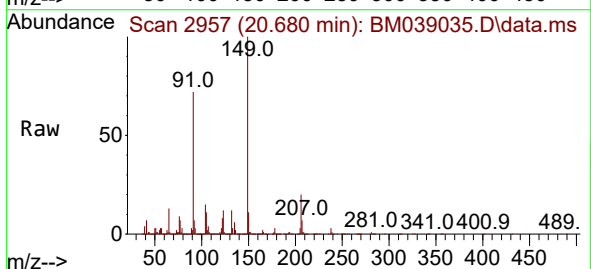
Tgt Ion:149 Resp: 2036094

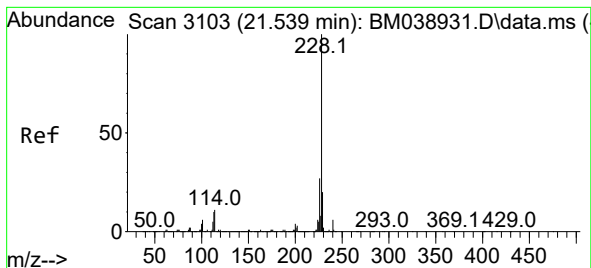
Ion Ratio Lower Upper

149 100

91 72.1 58.4 87.6

206 20.2 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.021 ng

RT: 21.527 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

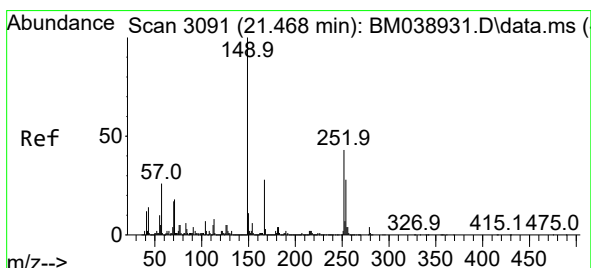
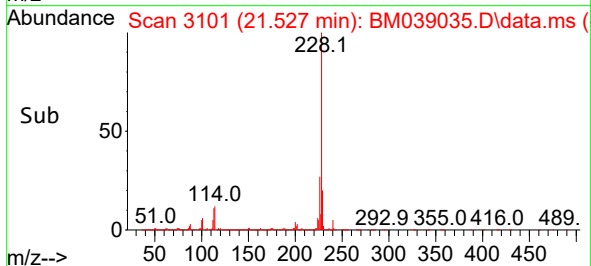
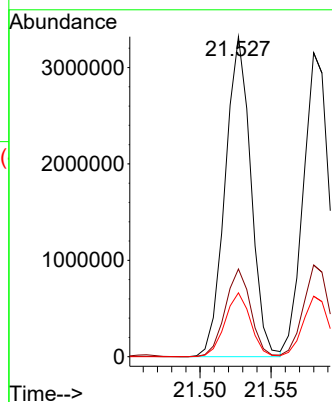
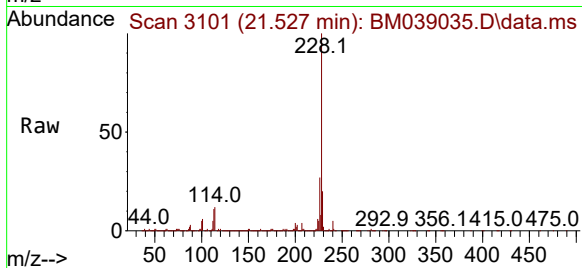
Tgt Ion:228 Resp: 4183109

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.603 ng

RT: 21.462 min Scan# 3090

Delta R.T. 0.006 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

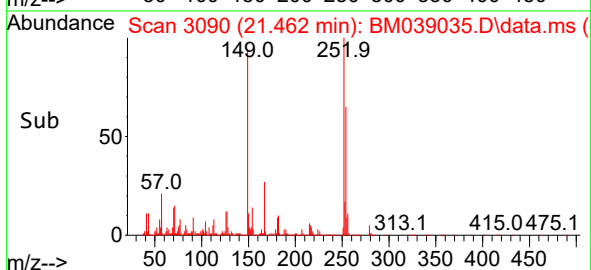
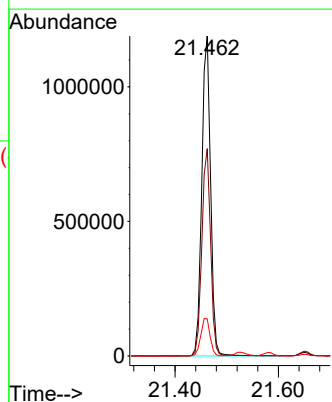
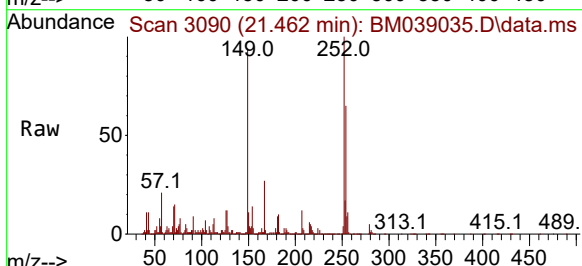
Tgt Ion:252 Resp: 1403641

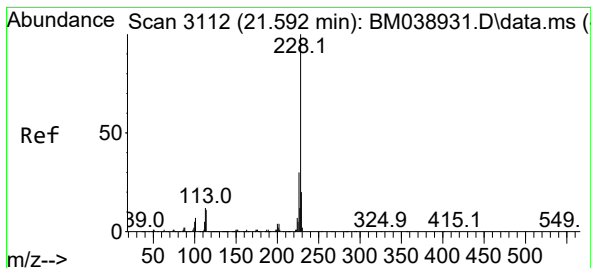
Ion Ratio Lower Upper

252 100

254 64.8 51.5 77.3

126 11.6 9.9 14.9





#83

Chrysene

Concen: 38.156 ng

RT: 21.580 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

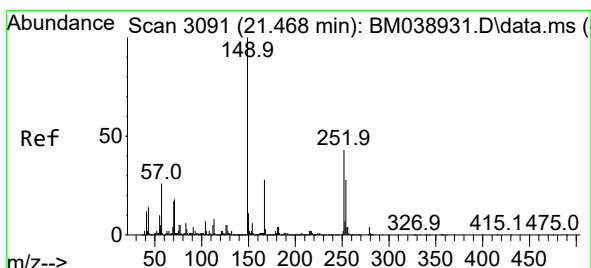
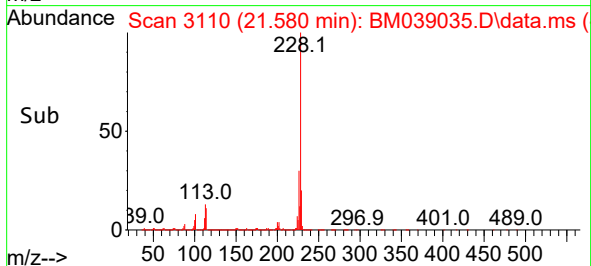
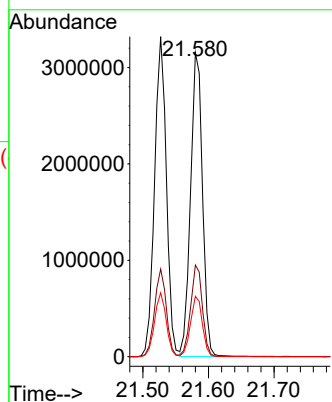
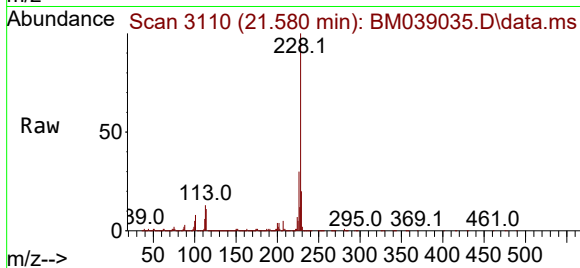
Tgt Ion:228 Resp: 3978230

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.153 ng

RT: 21.450 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

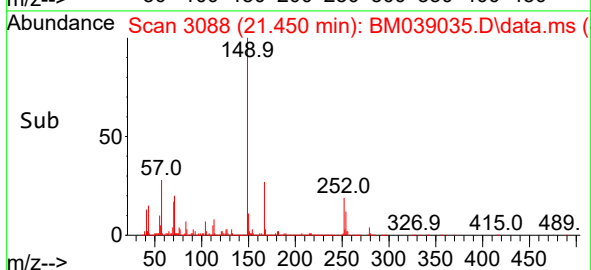
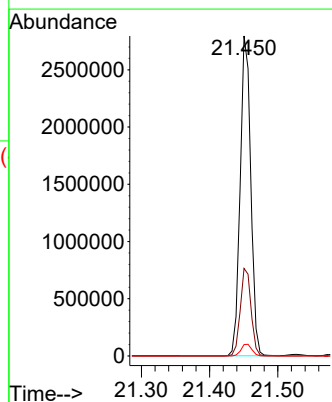
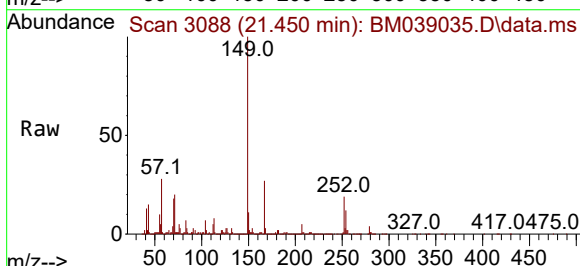
Tgt Ion:149 Resp: 3020512

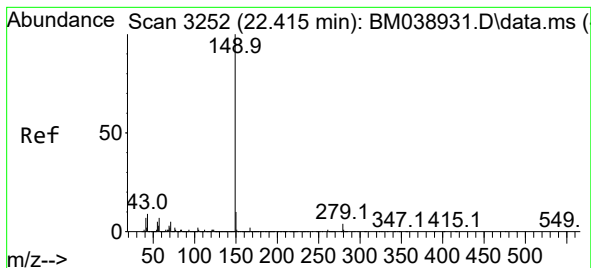
Ion Ratio Lower Upper

149 100

167 27.4 22.3 33.5

279 3.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 44.481 ng

RT: 22.392 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

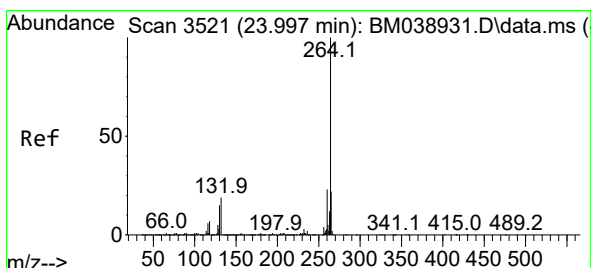
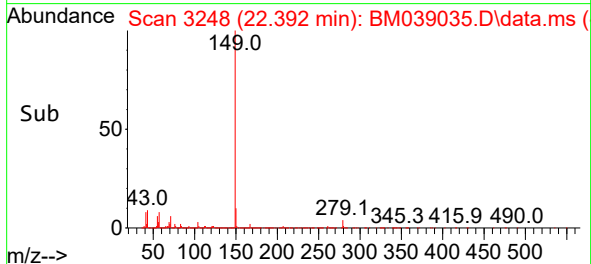
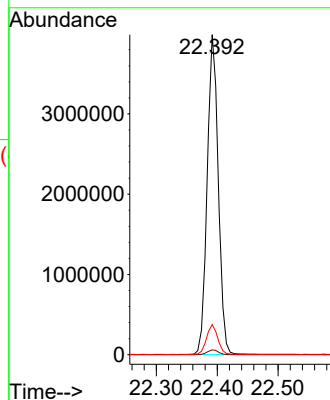
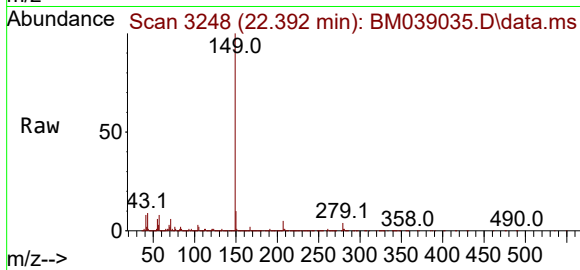
Tgt Ion:149 Resp: 5039432

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.5 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.980 min Scan# 3518

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

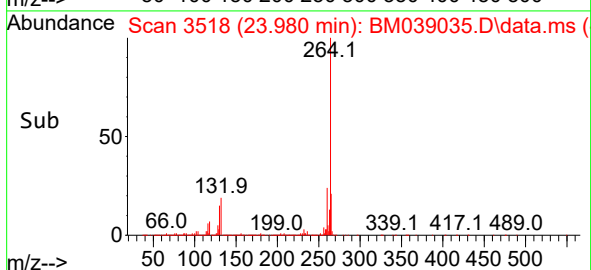
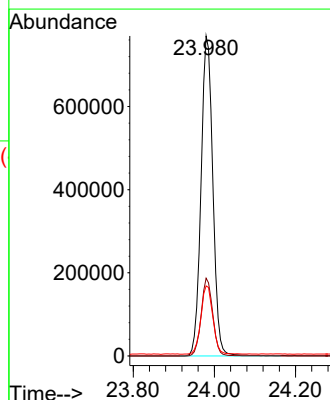
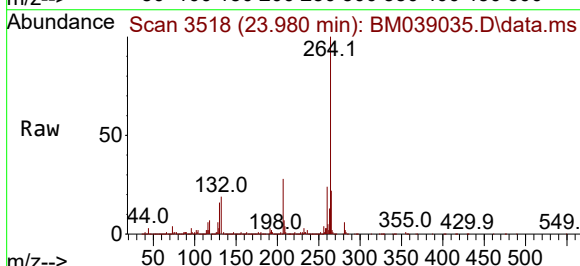
Tgt Ion:264 Resp: 1561851

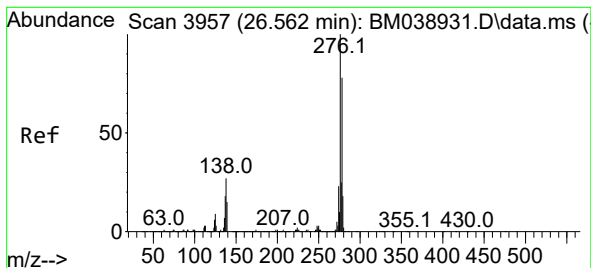
Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.9 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.280 ng

RT: 26.527 min Scan# 3951

Delta R.T. 0.006 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

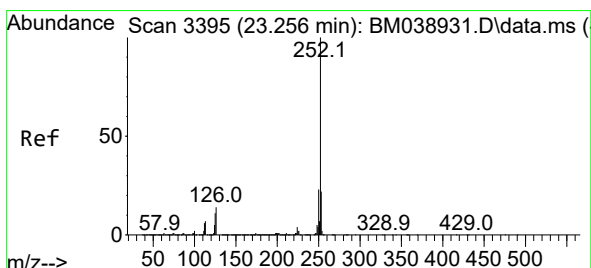
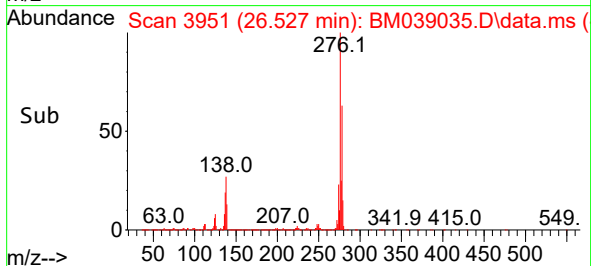
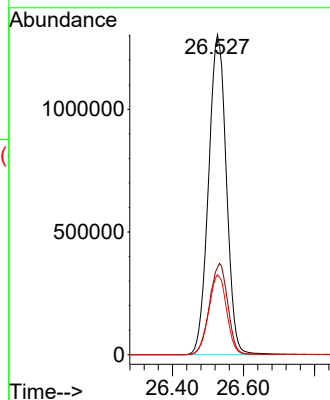
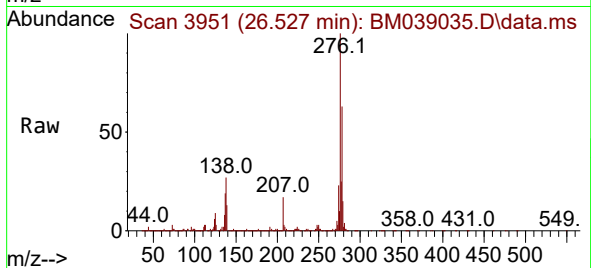
Tgt Ion:276 Resp: 4549463

Ion Ratio Lower Upper

276 100

138 29.1 22.1 33.1

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 38.724 ng

RT: 23.239 min Scan# 3392

Delta R.T. 0.000 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

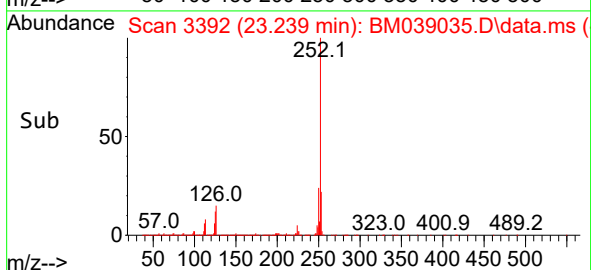
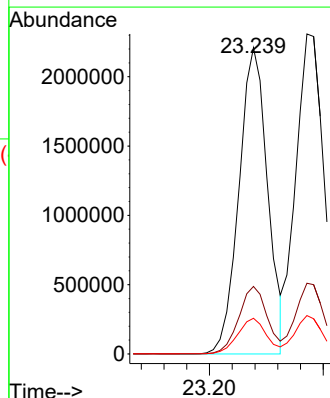
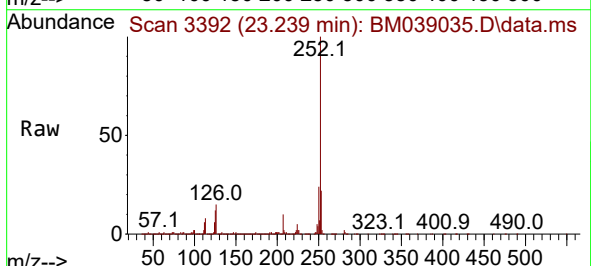
Tgt Ion:252 Resp: 3863924

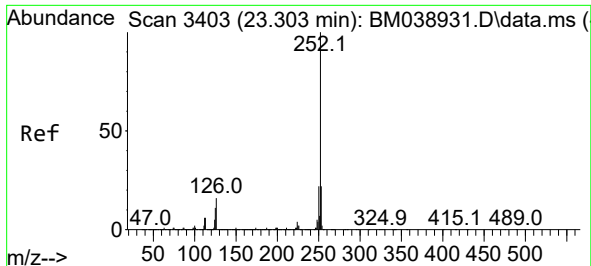
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.7 8.8 13.2

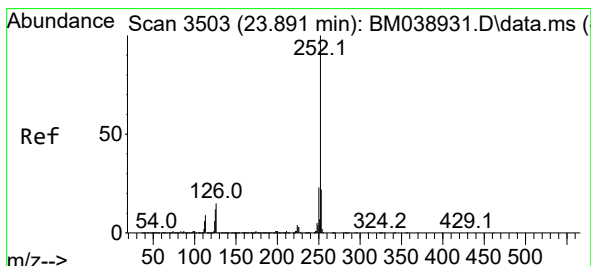
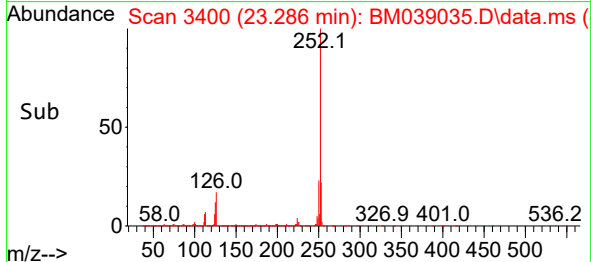
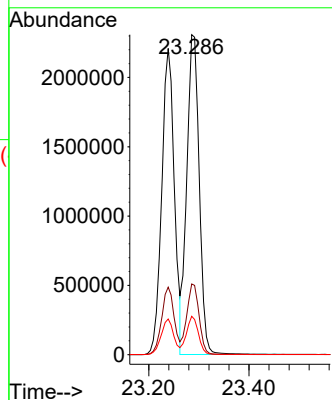
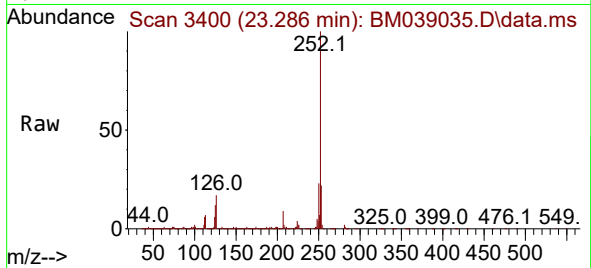




#89
Benzo(k)fluoranthene
Concen: 38.418 ng
RT: 23.286 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

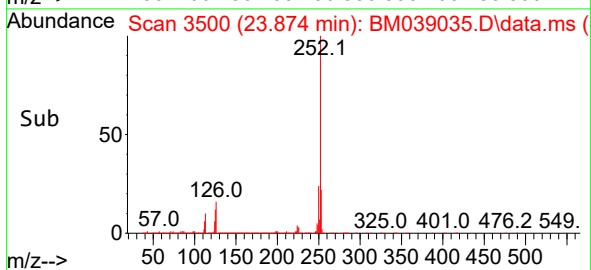
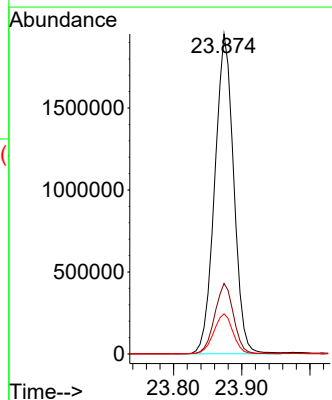
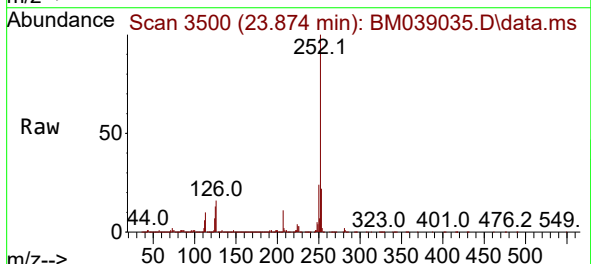
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

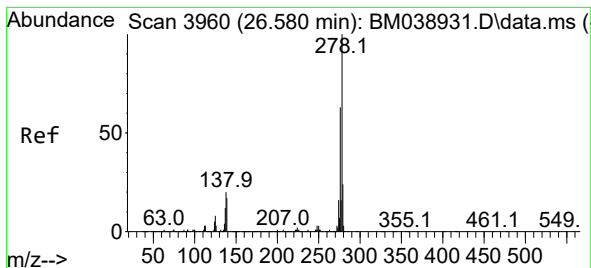
Tgt Ion:252 Resp: 3989383
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 12.0 8.9 13.3



#90
Benzo(a)pyrene
Concen: 39.287 ng
RT: 23.874 min Scan# 3500
Delta R.T. 0.000 min
Lab File: BM039035.D
Acq: 17 Mar 2023 15:28

Tgt Ion:252 Resp: 3772833
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 12.5 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 38.342 ng

RT: 26.544 min Scan# 3954

Delta R.T. 0.006 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

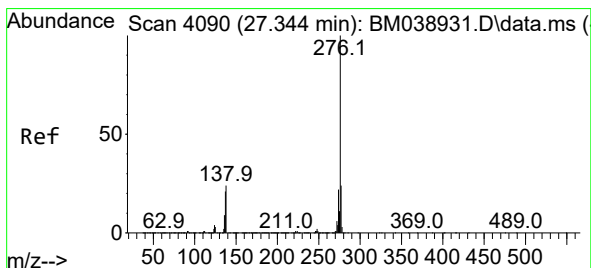
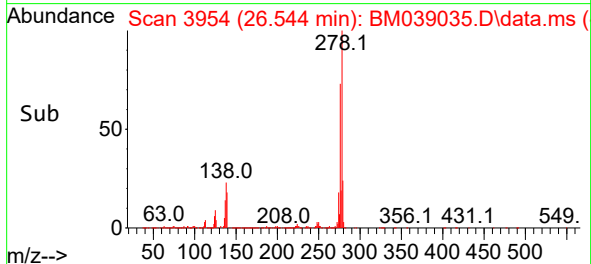
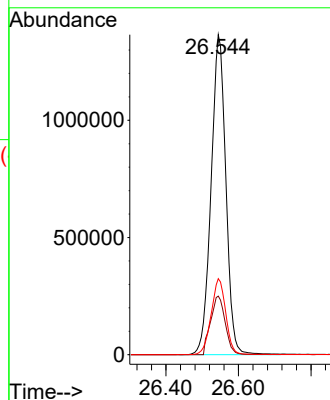
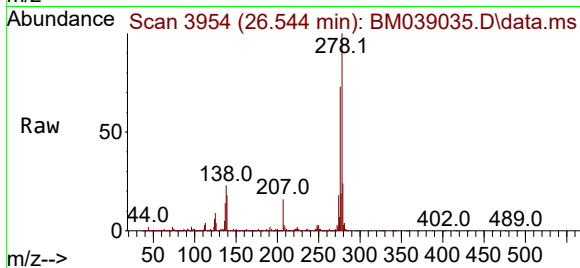
Tgt Ion:278 Resp: 3859007

Ion Ratio Lower Upper

278 100

139 18.3 13.7 20.5

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 37.622 ng

RT: 27.309 min Scan# 4084

Delta R.T. 0.006 min

Lab File: BM039035.D

Acq: 17 Mar 2023 15:28

Tgt Ion:276 Resp: 3704648

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 24.9 19.0 28.6

