

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
 Data File : BM039389.D
 Acq On : 11 Apr 2023 11:40
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 12 01:35:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	210759	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	833827	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	499386	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1047107	20.000	ng	0.00
76) Chrysene-d12	21.462	240	1015304	20.000	ng	0.00
86) Perylene-d12	23.850	264	1208259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1098125	78.499	ng	0.00
7) Phenol-d6	7.034	99	1469469	81.214	ng	0.00
23) Nitrobenzene-d5	9.034	82	1378738	80.364	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	524574	82.751	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	2924221	79.339	ng	0.00
79) Terphenyl-d14	19.898	244	4230273	76.979	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	236487	41.359	ng	99
3) Pyridine	3.693	79	665040	41.517	ng	98
4) n-Nitrosodimethylamine	3.604	42	253333	40.269	ng	97
6) Aniline	7.192	93	912124	40.730	ng	100
8) 2-Chlorophenol	7.428	128	570166	39.822	ng	99
9) Benzaldehyde	7.004	77	345997	33.578	ng	99
10) Phenol	7.063	94	729971	40.258	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	590363	40.471	ng	98
12) 1,3-Dichlorobenzene	7.745	146	601049	39.583	ng	100
13) 1,4-Dichlorobenzene	7.898	146	603619	39.314	ng	98
14) 1,2-Dichlorobenzene	8.216	146	581885	39.634	ng	99
15) Benzyl Alcohol	8.110	79	486445	39.088	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	803651	43.073	ng	99
17) 2-Methylphenol	8.316	107	513022	40.440	ng	99
18) Hexachloroethane	8.939	117	231551	38.988	ng	97
19) n-Nitroso-di-n-propyla...	8.681	70	477376	41.273	ng	99
20) 3+4-Methylphenols	8.651	107	699149	41.013	ng	99
22) Acetophenone	8.698	105	897949	40.277	ng	# 99
24) Nitrobenzene	9.075	77	689843	40.426	ng	100
25) Isophorone	9.604	82	1332346	41.628	ng	99
26) 2-Nitrophenol	9.792	139	311281	39.461	ng	98
27) 2,4-Dimethylphenol	9.857	122	521998	39.828	ng	98
28) bis(2-Chloroethoxy)met...	10.086	93	784207	40.476	ng	100
29) 2,4-Dichlorophenol	10.328	162	519430	40.619	ng	99
30) 1,2,4-Trichlorobenzene	10.533	180	543889	39.756	ng	99
31) Naphthalene	10.722	128	1800696	40.078	ng	100
32) Benzoic acid	10.016	122	402751	39.427	ng	99
33) 4-Chloroaniline	10.845	127	774423	39.343	ng	99
34) Hexachlorobutadiene	11.004	225	317989	39.529	ng	99
35) Caprolactam	11.651	113	190419	42.886	ng	94
36) 4-Chloro-3-methylphenol	11.975	107	585959	41.531	ng	97
37) 2-Methylnaphthalene	12.339	142	1272078	40.670	ng	100
38) 1-Methylnaphthalene	12.557	142	1198752	40.931	ng	99
40) 1,2,4,5-Tetrachloroben...	12.704	216	595009	39.134	ng	100
41) Hexachlorocyclopentadiene	12.680	237	300726	36.204	ng	98
43) 2,4,6-Trichlorophenol	12.951	196	413956	39.922	ng	99

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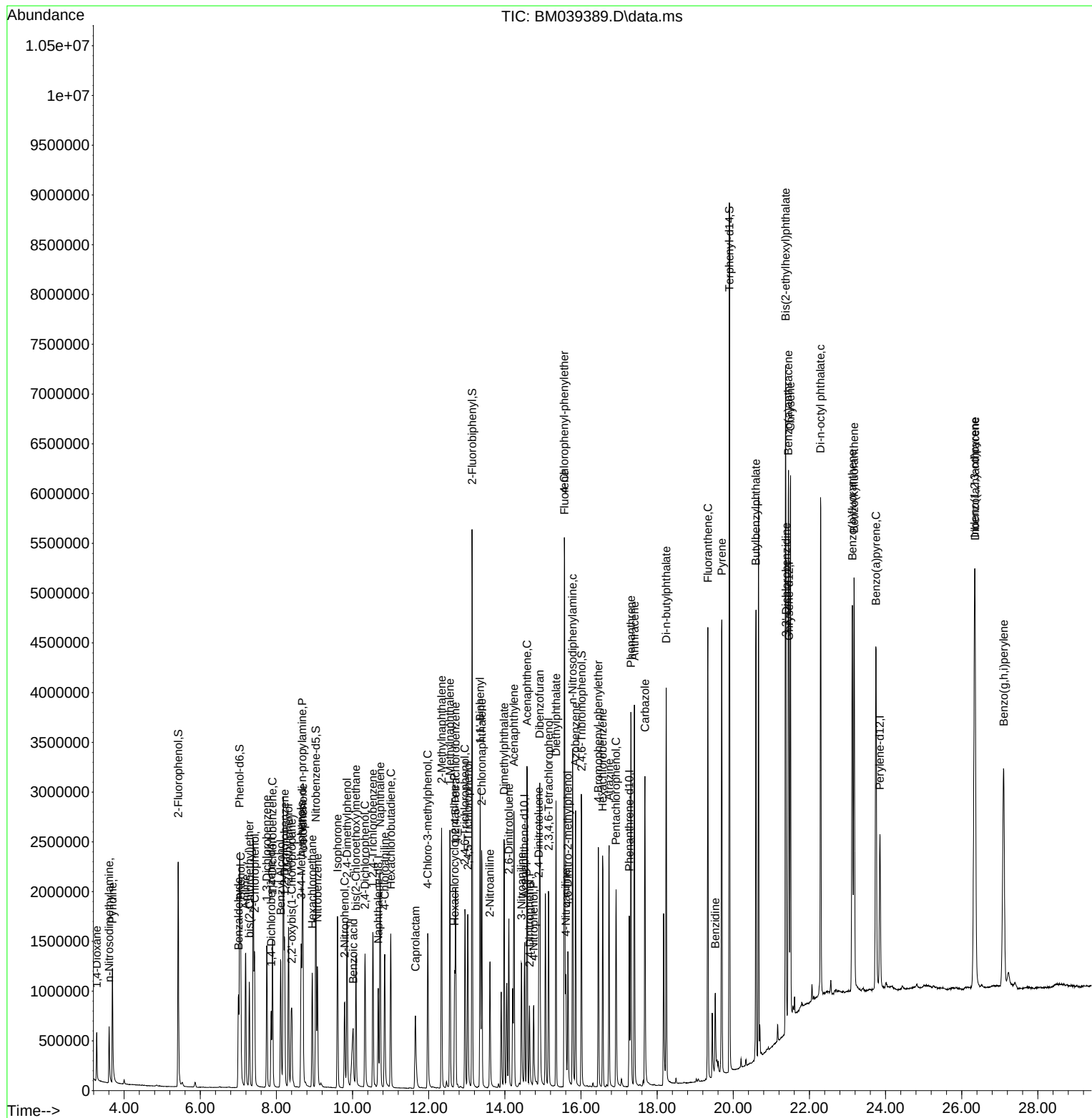
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	494655	40.692	ng	99
46) 1,1'-Biphenyl	13.351	154	1566467	39.722	ng	99
47) 2-Chloronaphthalene	13.392	162	1176808	39.412	ng	99
48) 2-Nitroaniline	13.610	65	391333	38.946	ng	98
49) Acenaphthylene	14.239	152	1981112	40.369	ng	99
50) Dimethylphthalate	13.980	163	1570922	40.818	ng	100
51) 2,6-Dinitrotoluene	14.104	165	344241	41.594	ng	96
52) Acenaphthene	14.586	154	1163430	40.149	ng	99
53) 3-Nitroaniline	14.439	138	361262	37.758	ng	99
54) 2,4-Dinitrophenol	14.651	184	190007	38.767	ng	93
55) Dibenzofuran	14.915	168	1862934	39.931	ng	99
56) 4-Nitrophenol	14.757	139	263661	35.737	ng	98
57) 2,4-Dinitrotoluene	14.892	165	466870	41.700	ng	91
58) Fluorene	15.568	166	1508927	40.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	400685	41.434	ng	99
60) Diethylphthalate	15.345	149	1599907	41.301	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	736478	40.226	ng	100
62) 4-Nitroaniline	15.604	138	358735	36.537	ng	99
63) Azobenzene	15.857	77	1612063	41.537	ng	99
65) 4,6-Dinitro-2-methylph...	15.657	198	287476	41.732	ng	97
66) n-Nitrosodiphenylamine	15.780	169	1315516	39.869	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	443045	39.619	ng	98
68) Hexachlorobenzene	16.568	284	484784	39.982	ng	96
69) Atrazine	16.739	200	429837	41.130	ng	100
70) Pentachlorophenol	16.921	266	368259	42.333	ng	100
71) Phenanthrene	17.309	178	2300855	40.121	ng	100
72) Anthracene	17.404	178	2392765	40.918	ng	100
73) Carbazole	17.680	167	2195699	40.183	ng	99
74) Di-n-butylphthalate	18.239	149	2896897	42.858	ng	100
75) Fluoranthene	19.333	202	2719831	41.605	ng	100
77) Benzidine	19.527	184	712998	26.624	ng	99
78) Pyrene	19.698	202	2815230	38.950	ng	100
80) Butylbenzylphthalate	20.597	149	1351453	40.813	ng	100
81) Benzo(a)anthracene	21.444	228	2809266	39.232	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	939528	39.387	ng	99
83) Chrysene	21.503	228	2854809	41.299	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	2008822	41.076	ng	99
85) Di-n-octyl phthalate	22.291	149	3689097	41.869	ng	99
87) Indeno(1,2,3-cd)pyrene	26.338	276	3554174	39.924	ng	100
88) Benzo(b)fluoranthene	23.127	252	2888871	39.075	ng	100
89) Benzo(k)fluoranthene	23.174	252	3002713	39.874	ng	99
90) Benzo(a)pyrene	23.750	252	2896945	39.888	ng	99
91) Dibenzo(a,h)anthracene	26.350	278	2958193	39.573	ng	99
92) Benzo(g,h,i)perylene	27.103	276	2941257	40.010	ng	99

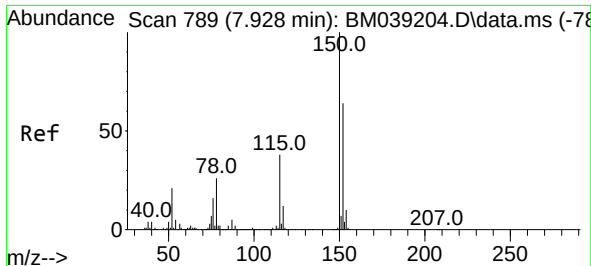
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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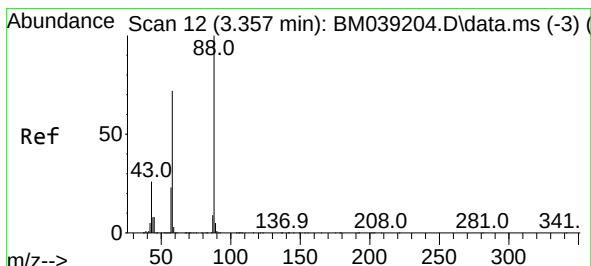
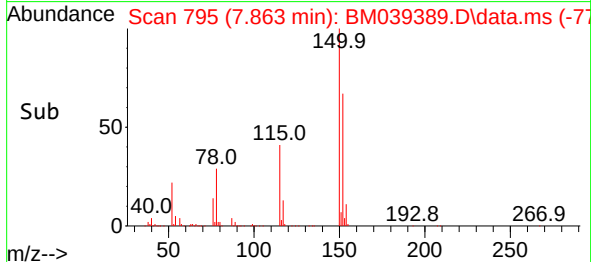
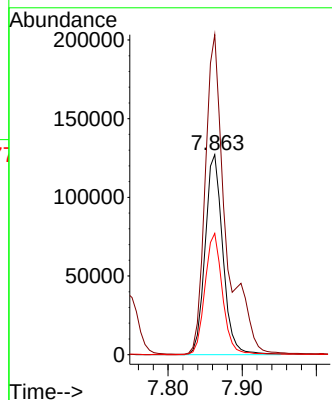
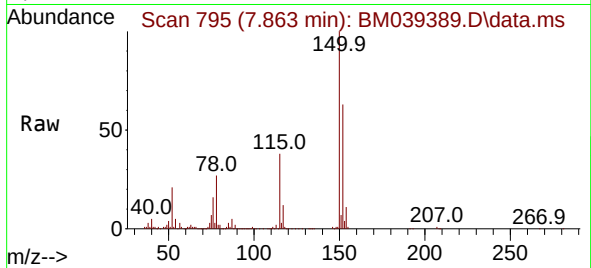




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

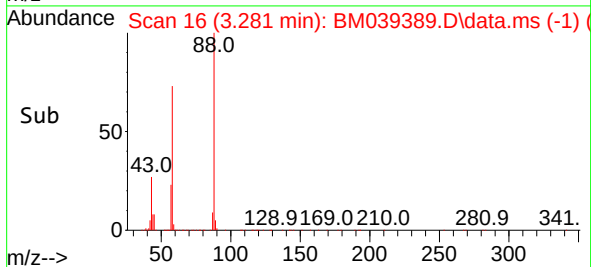
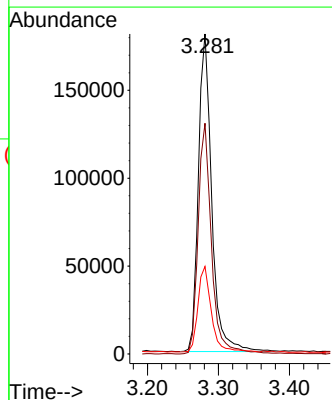
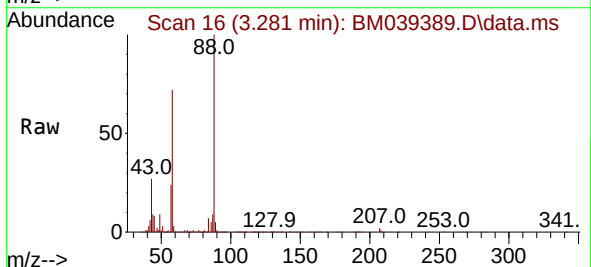
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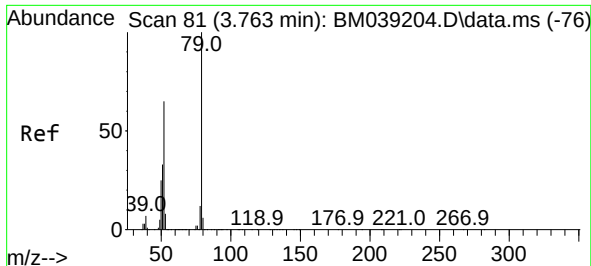
Tgt Ion:152 Resp: 210759
Ion Ratio Lower Upper
152 100
150 160.0 125.5 188.3
115 60.7 48.1 72.1



#2
1,4-Dioxane
Concen: 41.359 ng
RT: 3.281 min Scan# 16
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion: 88 Resp: 236487
Ion Ratio Lower Upper
88 100
58 73.4 57.9 86.9
43 26.8 21.4 32.2

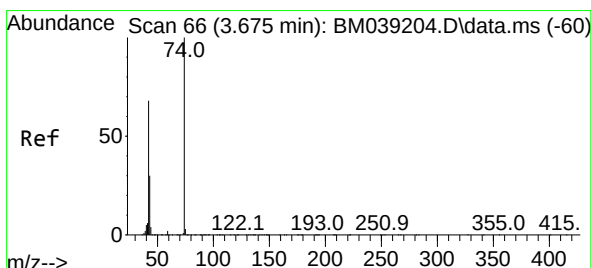
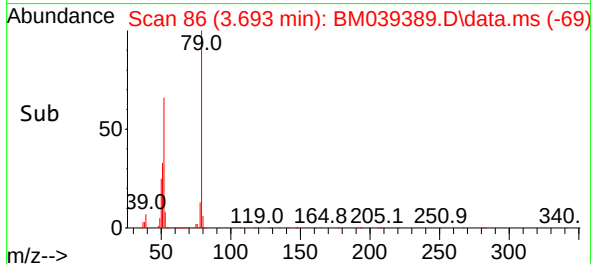
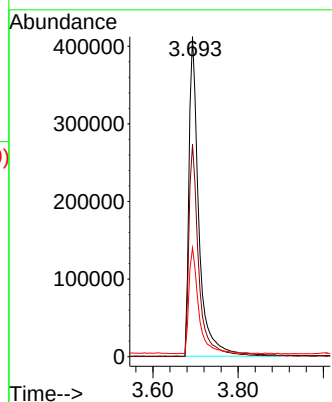
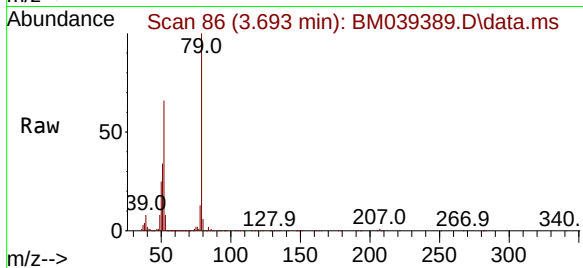




#3
 Pyridine
 Concen: 41.517 ng
 RT: 3.693 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM039389.D
 Acq: 11 Apr 2023 11:40

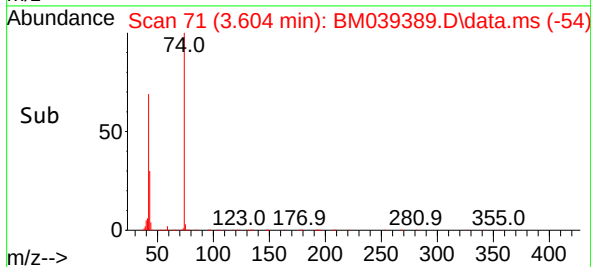
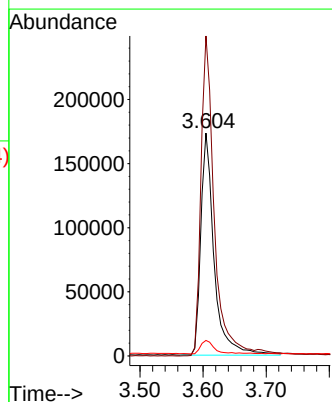
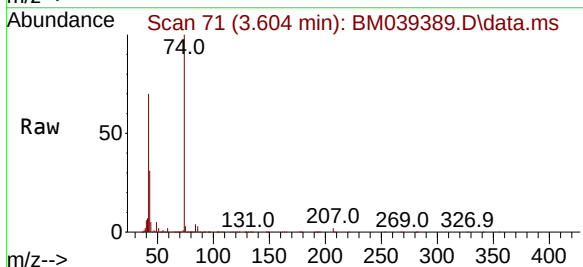
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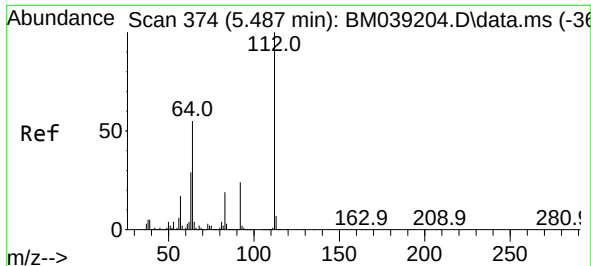
Tgt Ion: 79 Resp: 665040
 Ion Ratio Lower Upper
 79 100
 52 66.3 52.0 78.0
 51 34.0 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 40.269 ng
 RT: 3.604 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BM039389.D
 Acq: 11 Apr 2023 11:40

Tgt Ion: 42 Resp: 253333
 Ion Ratio Lower Upper
 42 100
 74 143.6 118.1 177.1
 44 7.0 6.3 9.5

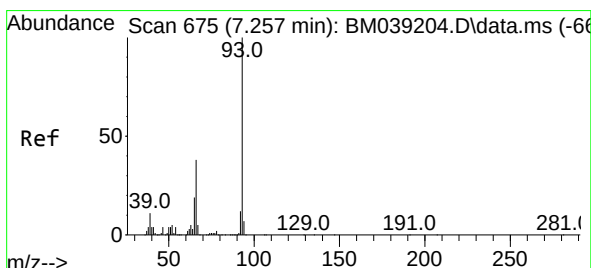
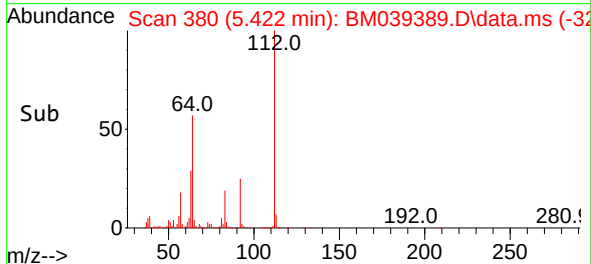
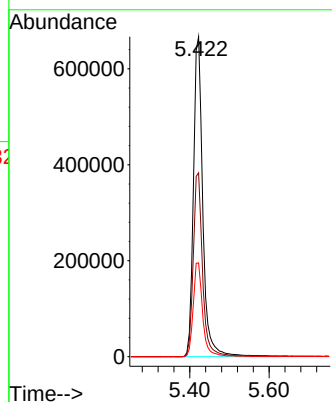
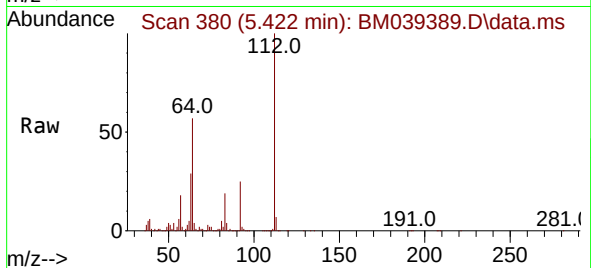




#5
2-Fluorophenol
Concen: 78.499 ng
RT: 5.422 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

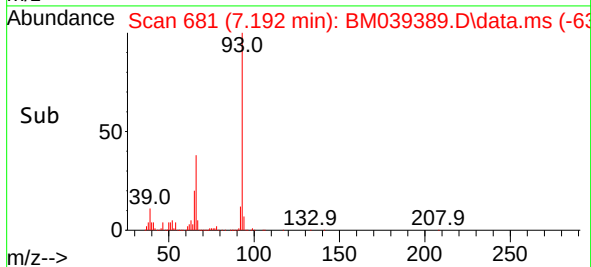
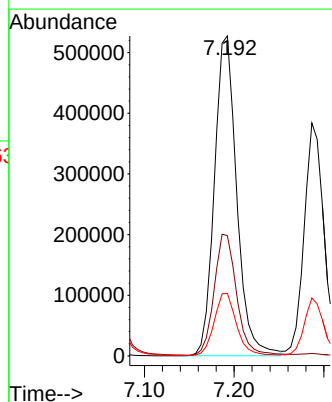
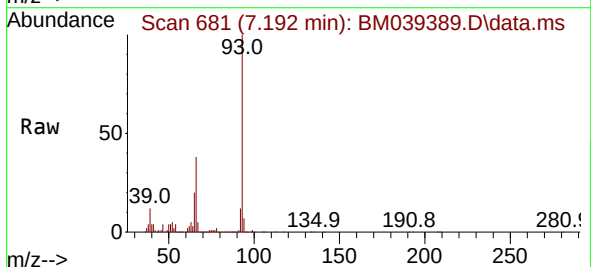
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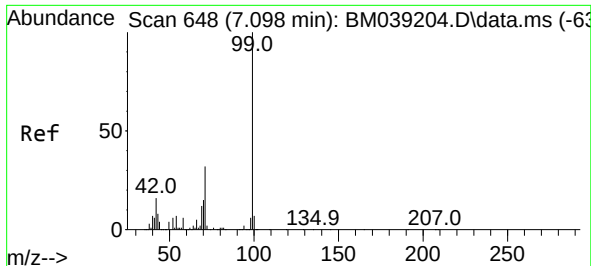
Tgt Ion:112 Resp: 1098125
Ion Ratio Lower Upper
112 100
64 57.5 44.3 66.5
63 29.3 23.0 34.6



#6
Aniline
Concen: 40.730 ng
RT: 7.192 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion: 93 Resp: 912124
Ion Ratio Lower Upper
93 100
66 37.6 30.1 45.1
65 19.6 15.5 23.3

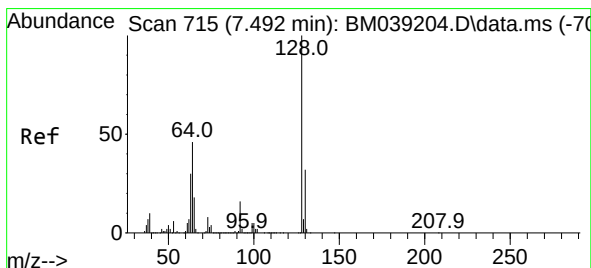
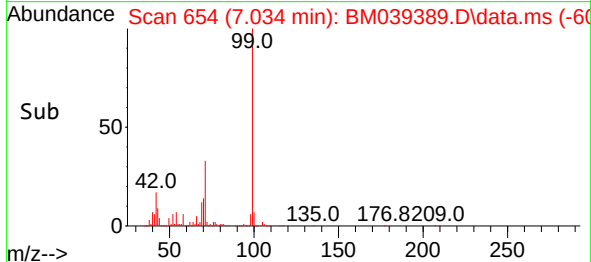
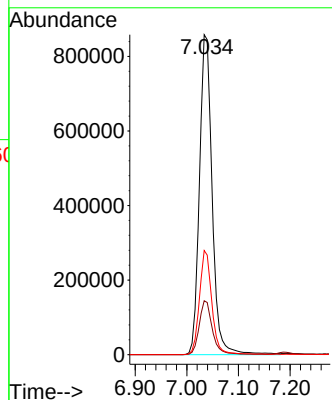
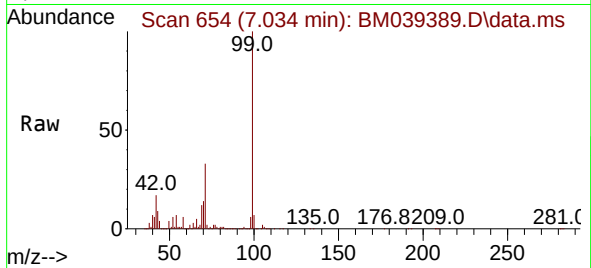




#7
Phenol-d6
Concen: 81.214 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

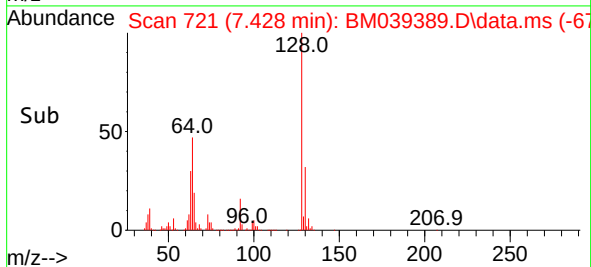
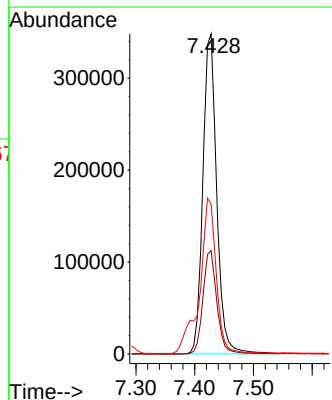
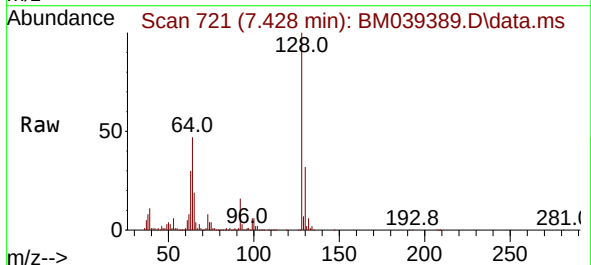
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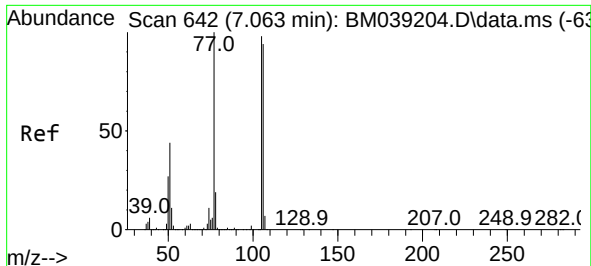
Tgt Ion: 99 Resp: 1469469
Ion Ratio Lower Upper
99 100
42 16.9 13.0 19.6
71 32.6 25.5 38.3



#8
2-Chlorophenol
Concen: 39.822 ng
RT: 7.428 min Scan# 721
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion: 128 Resp: 570166
Ion Ratio Lower Upper
128 100
130 32.3 12.2 52.2
64 47.0 25.9 65.9

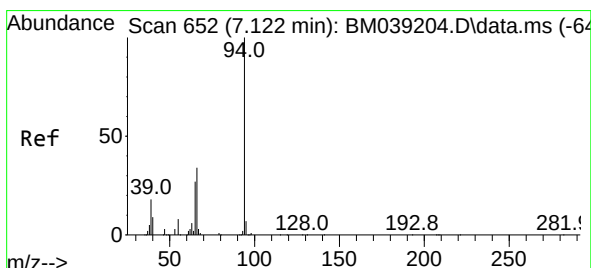
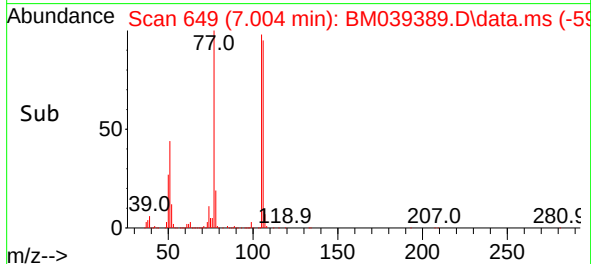
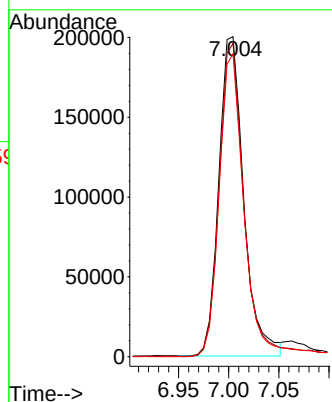
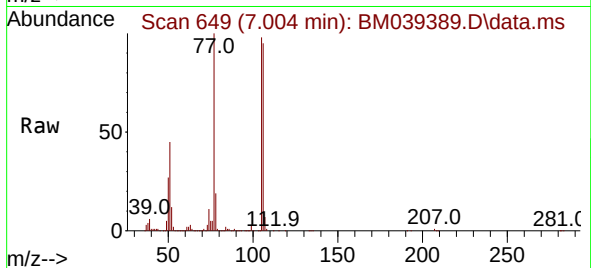




#9
Benzaldehyde
Concen: 33.578 ng
RT: 7.004 min Scan# 642
Delta R.T. 0.000 min
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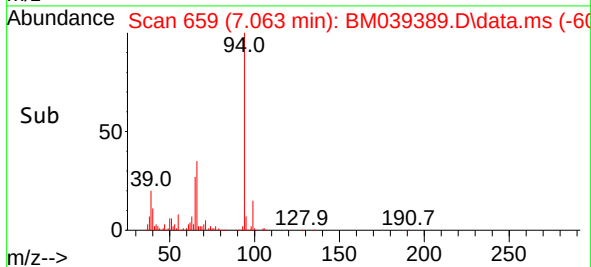
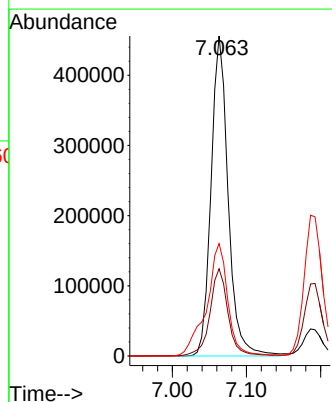
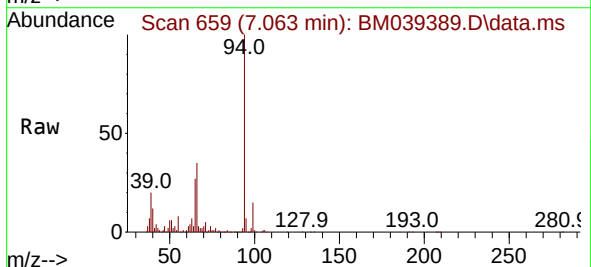
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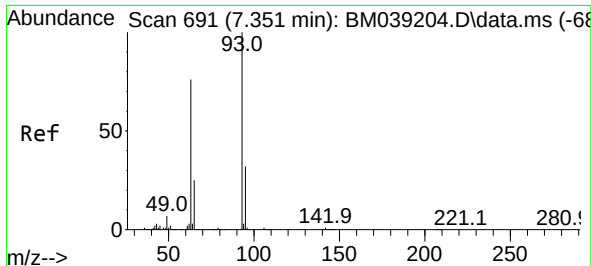
Tgt Ion: 77 Resp: 345997
Ion Ratio Lower Upper
77 100
105 97.9 78.2 118.2
106 94.6 73.8 113.8



#10
Phenol
Concen: 40.258 ng
RT: 7.063 min Scan# 659
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 729971
Ion Ratio Lower Upper
94 100
65 27.2 7.2 47.2
66 35.1 15.2 55.2

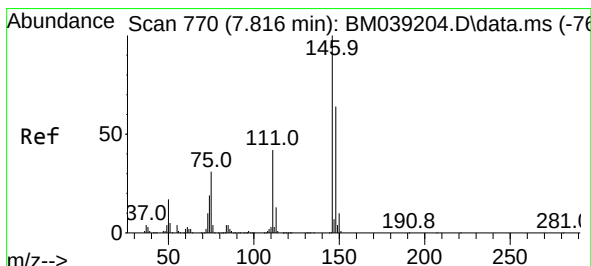
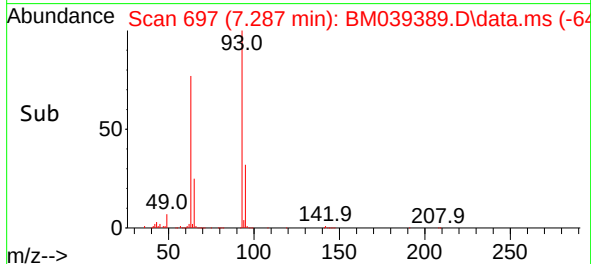
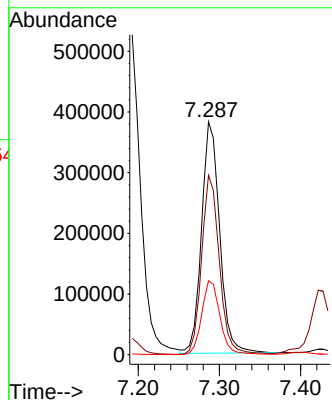
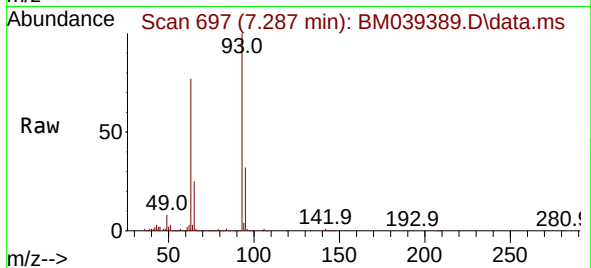




#11
bis(2-Chloroethyl)ether
Concen: 40.471 ng
RT: 7.287 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

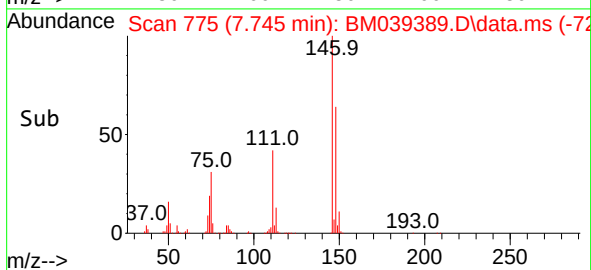
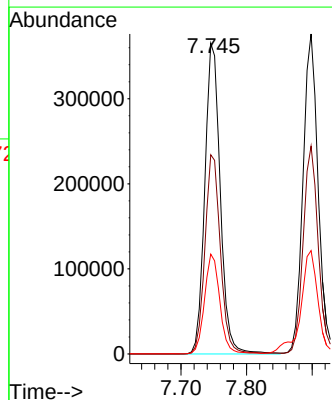
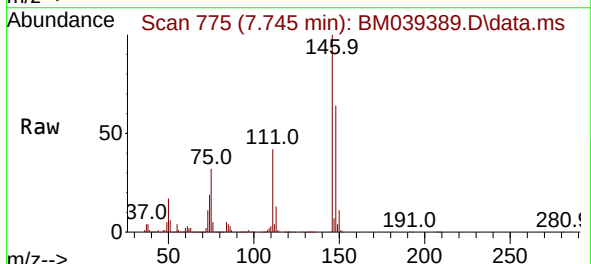
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

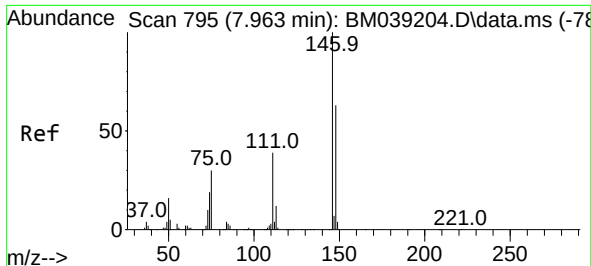
Tgt Ion: 93 Resp: 590363
Ion Ratio Lower Upper
93 100
63 77.1 55.5 95.5
95 31.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.583 ng
RT: 7.745 min Scan# 775
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:146 Resp: 601049
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 32.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 39.314 ng

RT: 7.898 min Scan# 801

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

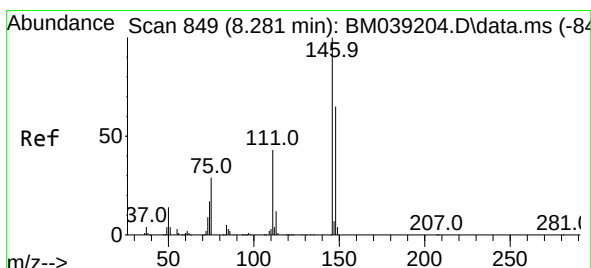
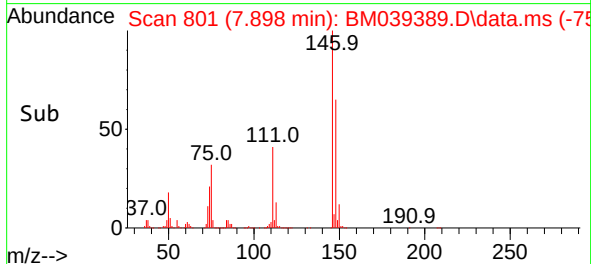
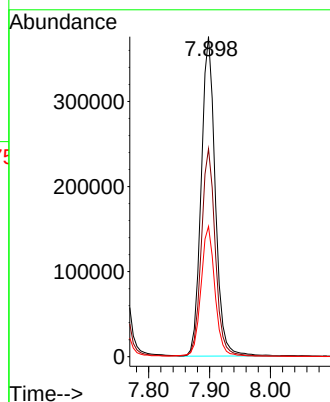
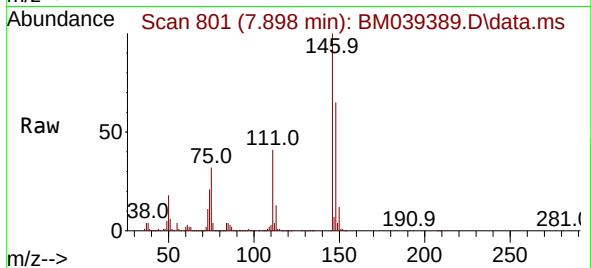
Tgt Ion:146 Resp: 603619

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

111 40.7 31.5 47.3



#14

1,2-Dichlorobenzene

Concen: 39.634 ng

RT: 8.216 min Scan# 855

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

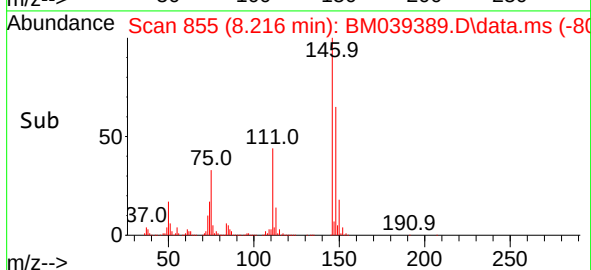
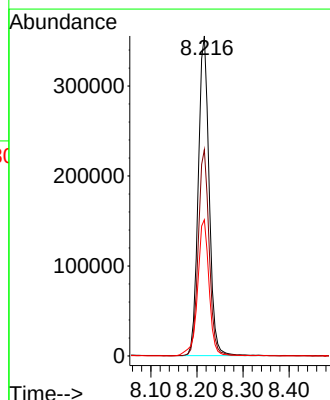
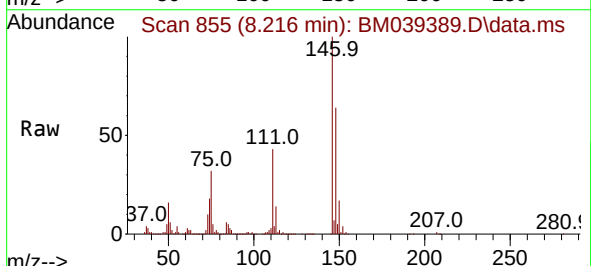
Tgt Ion:146 Resp: 581885

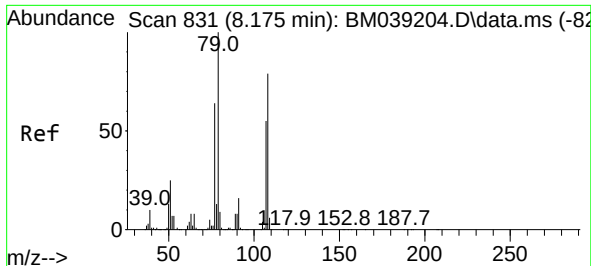
Ion Ratio Lower Upper

146 100

148 64.5 52.1 78.1

111 42.5 34.5 51.7

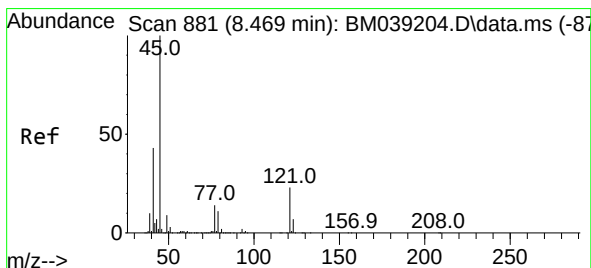
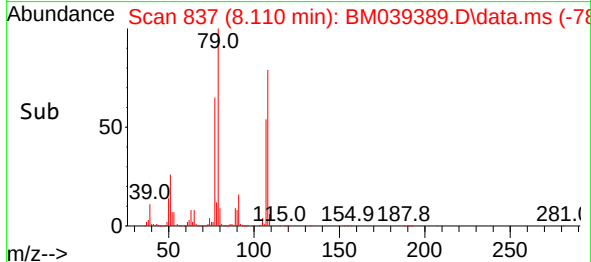
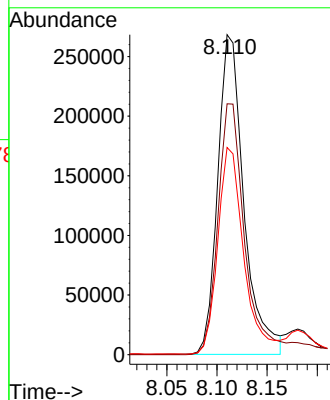
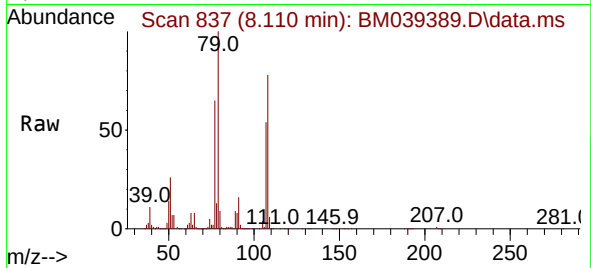




#15
Benzyl Alcohol
Concen: 39.088 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

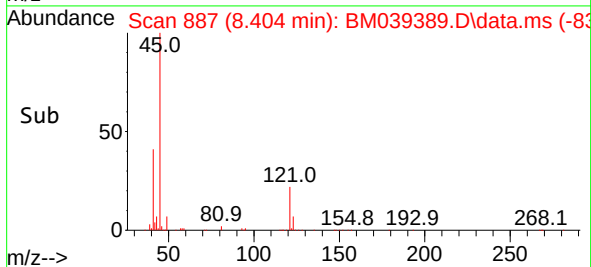
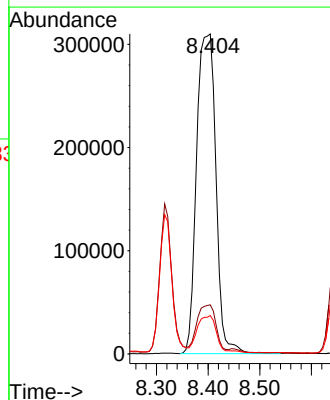
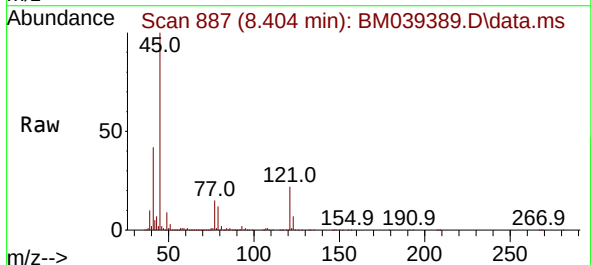
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

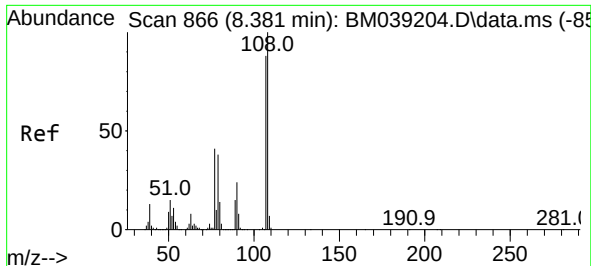
Tgt Ion: 79 Resp: 486445
Ion Ratio Lower Upper
79 100
108 78.4 63.4 95.0
77 64.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.073 ng
RT: 8.404 min Scan# 887
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion: 45 Resp: 803651
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.1
79 12.0 0.0 32.2

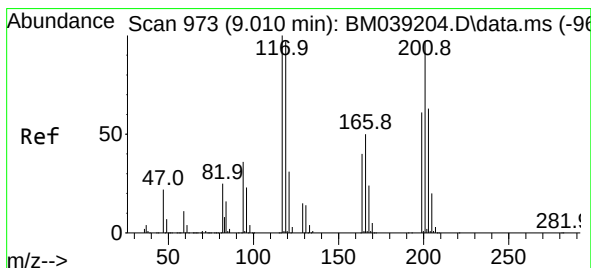
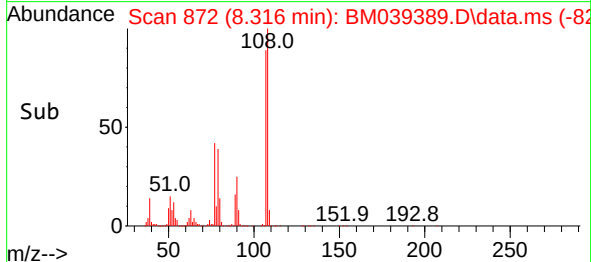
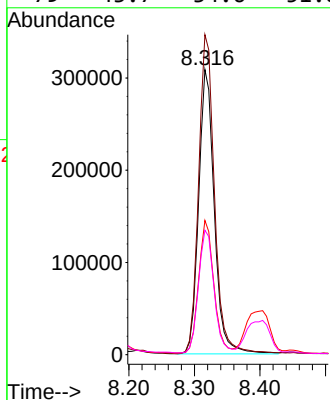
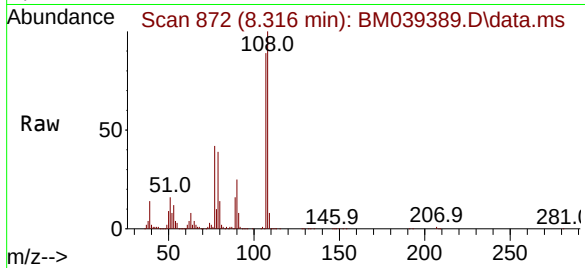




#17
2-Methylphenol
Concen: 40.440 ng
RT: 8.316 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

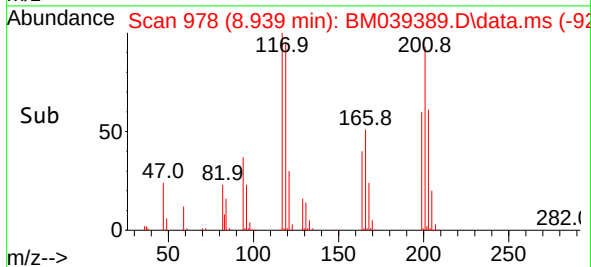
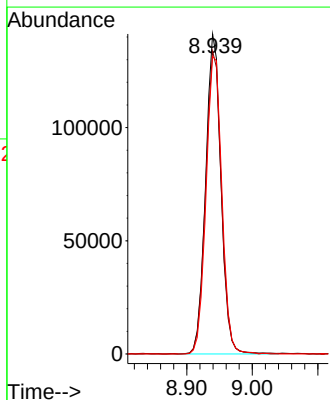
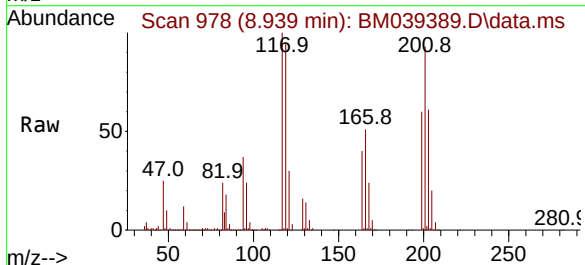
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

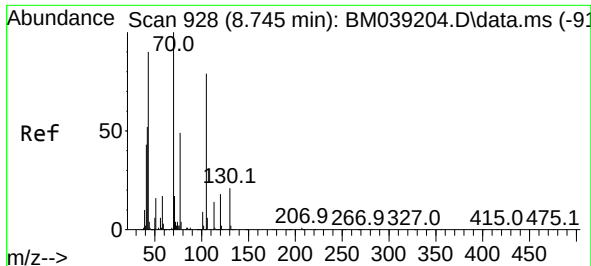
Tgt Ion:	107	Resp:	513022
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.6	136.0
77	47.1	37.0	55.4
79	43.7	34.6	51.8



#18
Hexachloroethane
Concen: 38.988 ng
RT: 8.939 min Scan# 978
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:	117	Resp:	231551
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.8	116.8
201	93.0	77.3	115.9

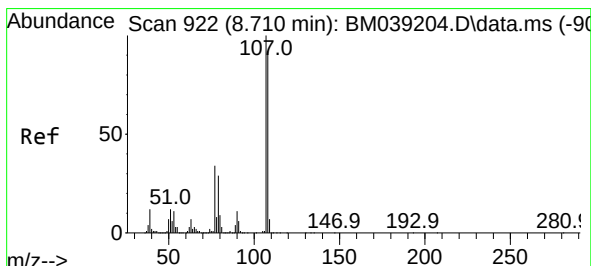
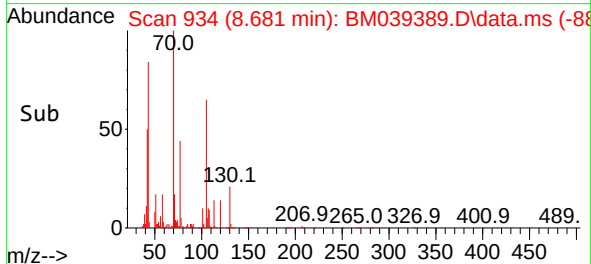
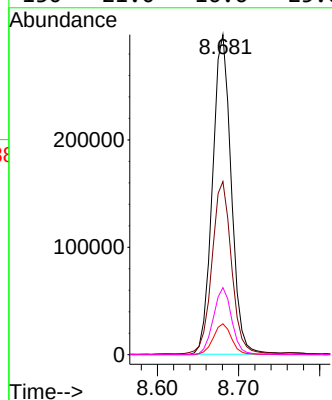
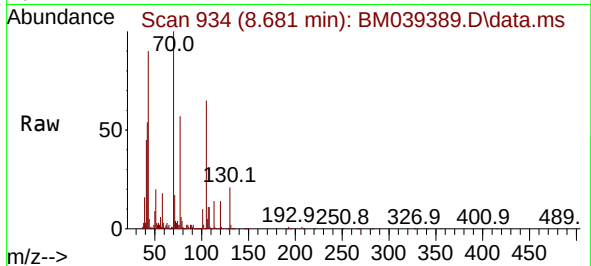




#19
n-Nitroso-di-n-propylamine
Concen: 41.273 ng
RT: 8.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

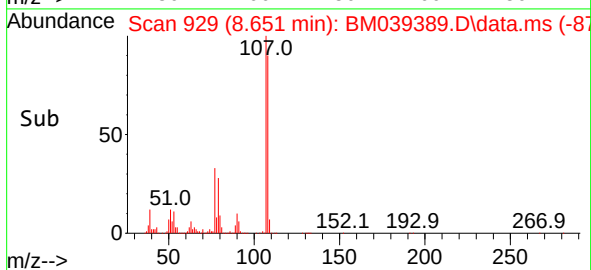
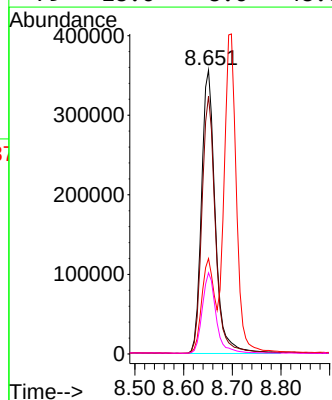
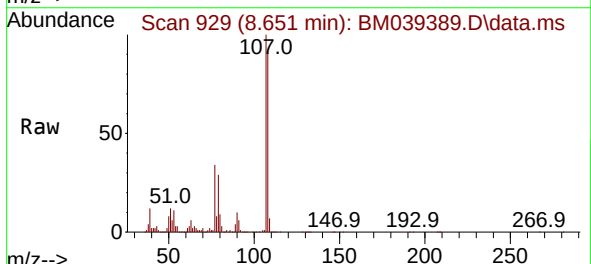
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

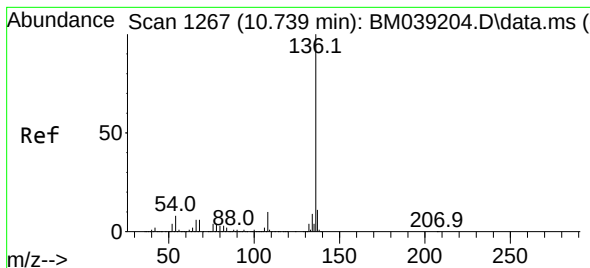
Tgt Ion: 70 Resp: 477376
Ion Ratio Lower Upper
70 100
42 54.1 42.2 63.2
101 9.7 7.6 11.4
130 21.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 41.013 ng
RT: 8.651 min Scan# 929
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion: 107 Resp: 699149
Ion Ratio Lower Upper
107 100
108 90.8 72.1 112.1
77 33.6 13.7 53.7
79 28.6 8.6 48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.675 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 833827

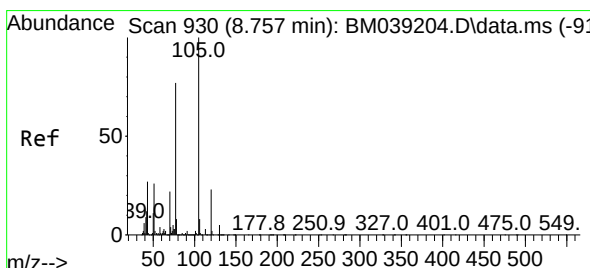
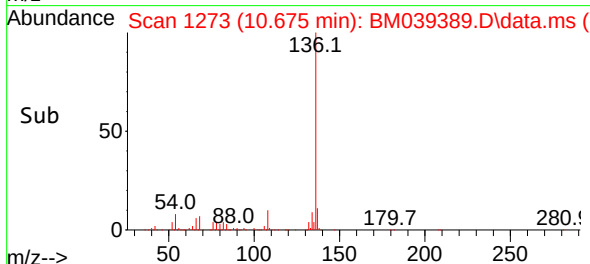
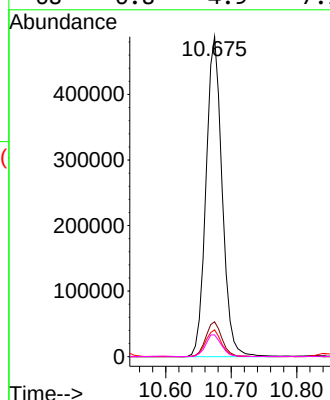
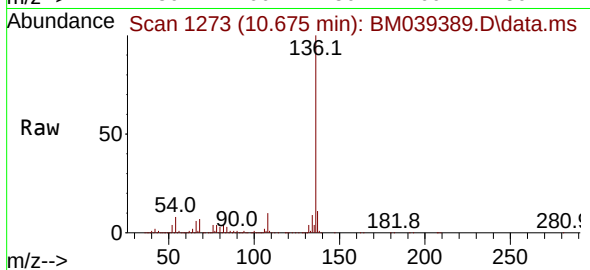
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.4 6.2 9.4

68 6.8 4.9 7.3



#22

Acetophenone

Concen: 40.277 ng

RT: 8.698 min Scan# 937

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Tgt Ion:105 Resp: 897949

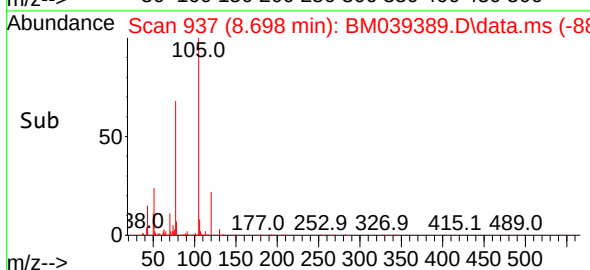
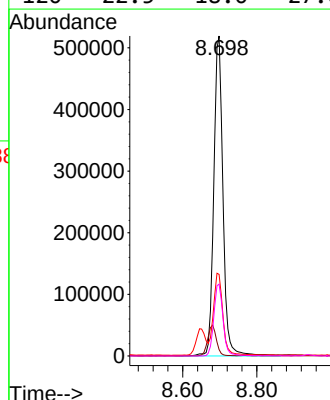
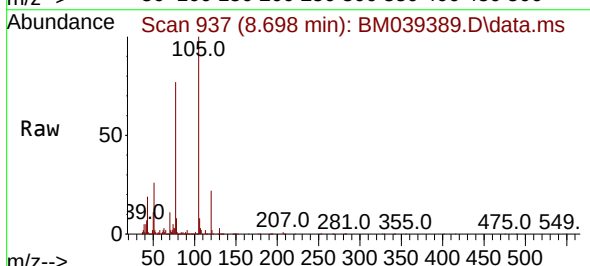
Ion Ratio Lower Upper

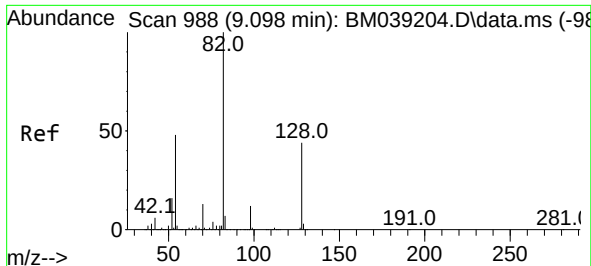
105 100

71 2.0 2.8 4.2#

51 25.5 20.6 31.0

120 22.5 18.0 27.0

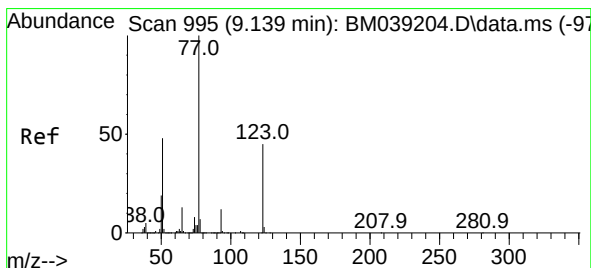
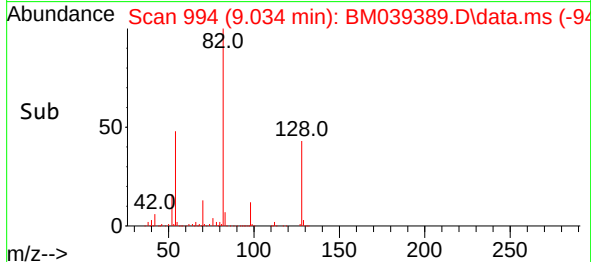
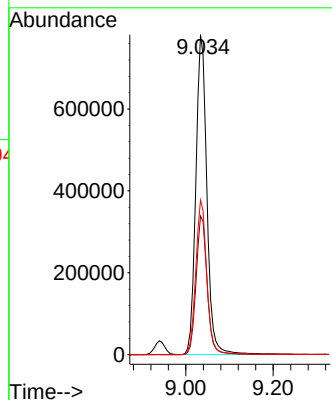
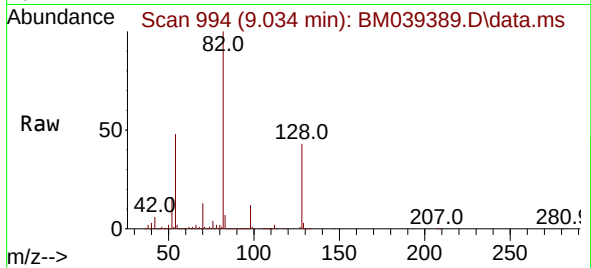




#23
Nitrobenzene-d5
Concen: 80.364 ng
RT: 9.034 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

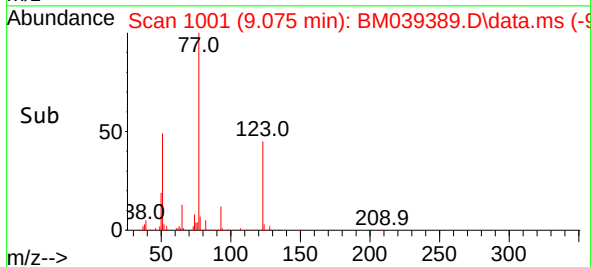
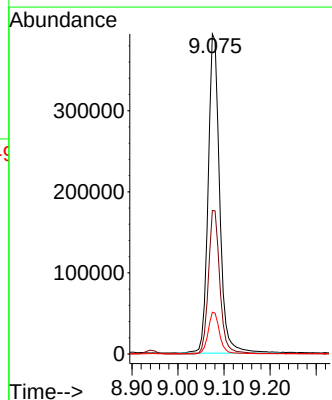
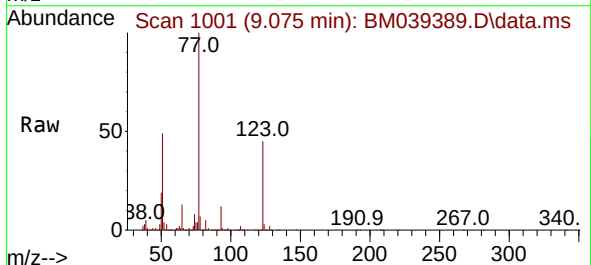
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

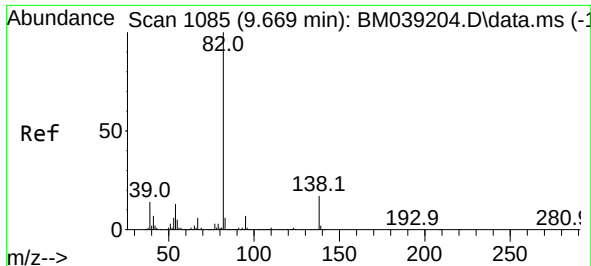
Tgt Ion: 82 Resp: 1378738
Ion Ratio Lower Upper
82 100
128 43.4 35.1 52.7
54 48.3 38.5 57.7



#24
Nitrobenzene
Concen: 40.426 ng
RT: 9.075 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion: 77 Resp: 689843
Ion Ratio Lower Upper
77 100
123 44.9 36.2 54.2
65 13.1 10.6 15.8

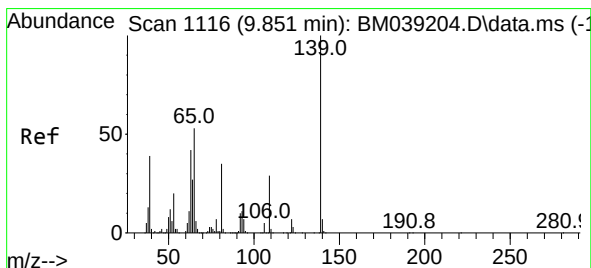
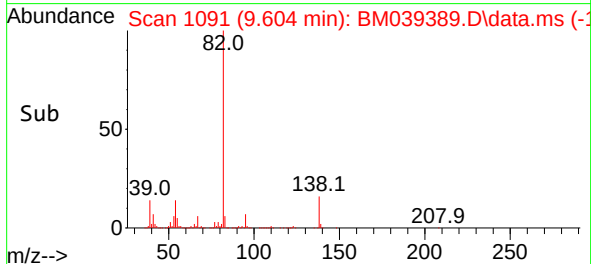
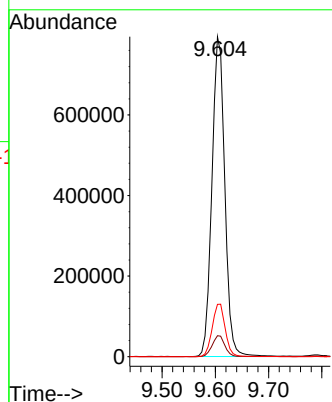
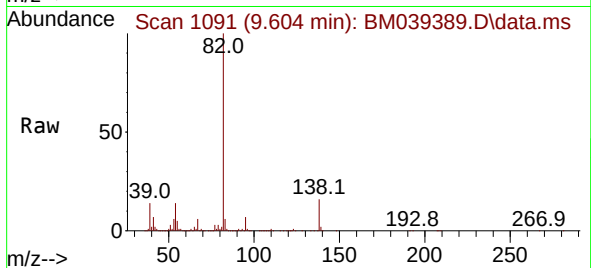




#25
Isophorone
Concen: 41.628 ng
RT: 9.604 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

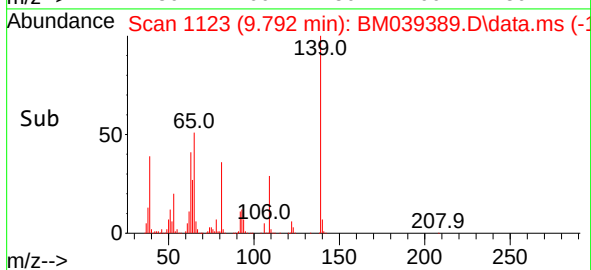
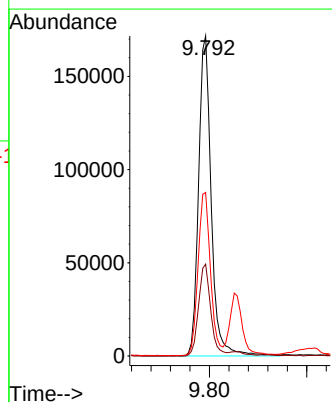
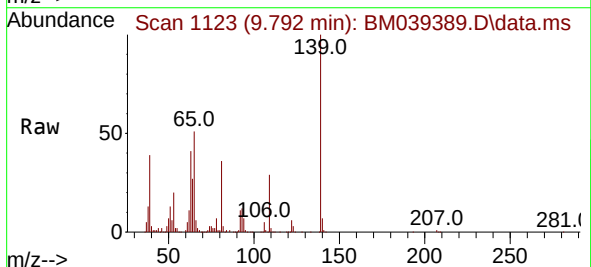
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

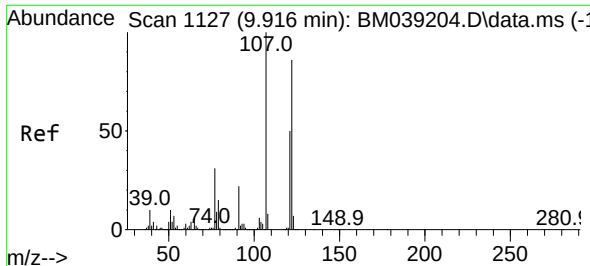
Tgt Ion: 82 Resp: 1332346
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.3 13.5 20.3



#26
2-Nitrophenol
Concen: 39.461 ng
RT: 9.792 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:139 Resp: 311281
Ion Ratio Lower Upper
139 100
109 28.7 23.4 35.0
65 51.1 42.2 63.2

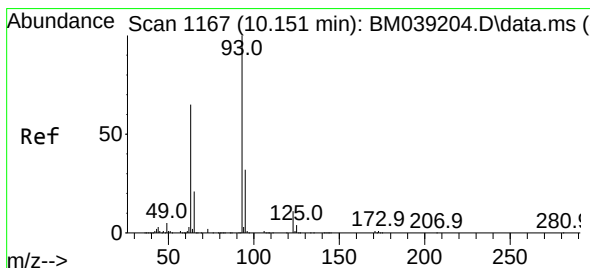
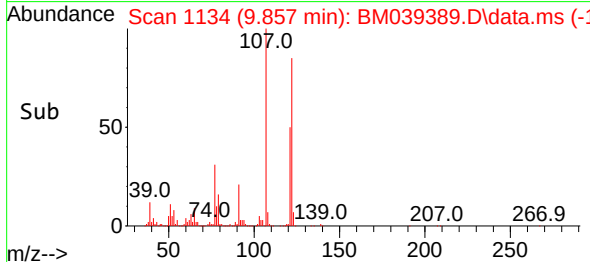
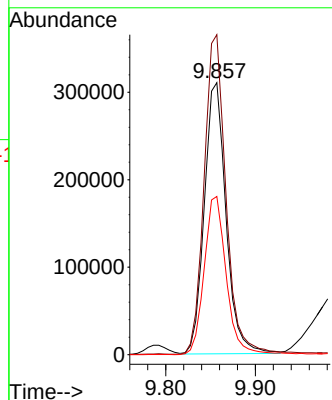
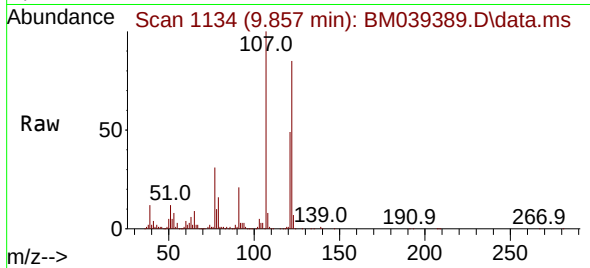




#27
2,4-Dimethylphenol
Concen: 39.828 ng
RT: 9.857 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

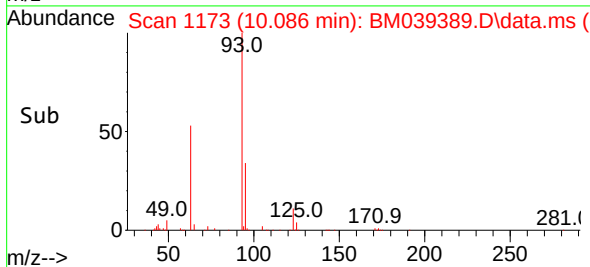
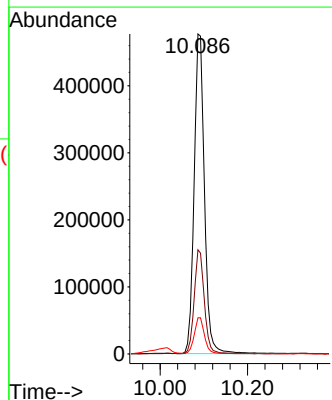
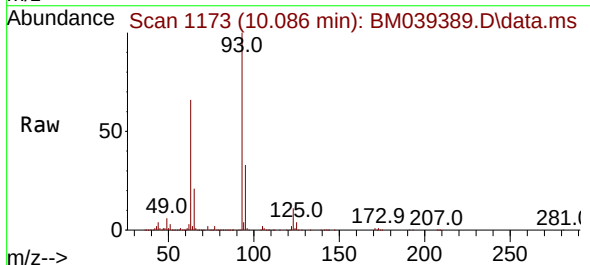
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

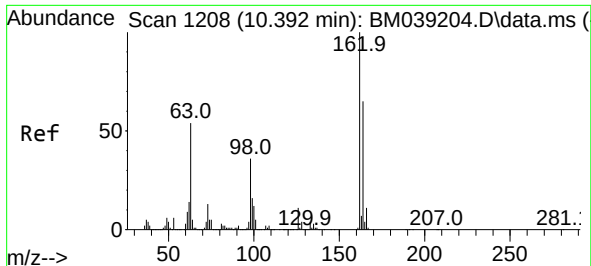
Tgt Ion:122 Resp: 521998
Ion Ratio Lower Upper
122 100
107 117.7 92.3 138.5
121 58.2 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.476 ng
RT: 10.086 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion: 93 Resp: 784207
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.619 ng

RT: 10.328 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

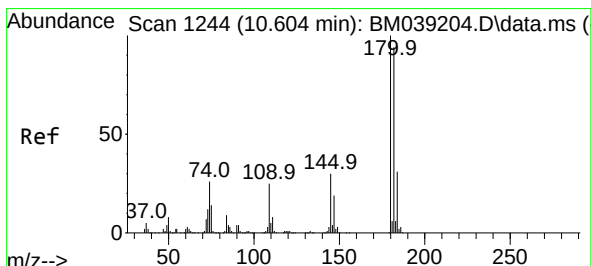
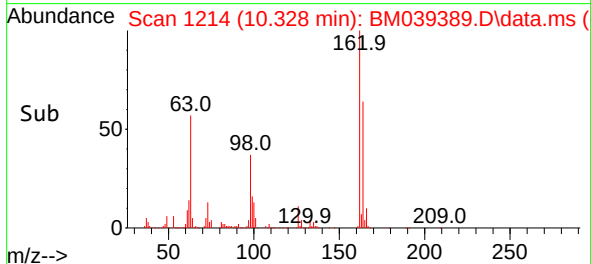
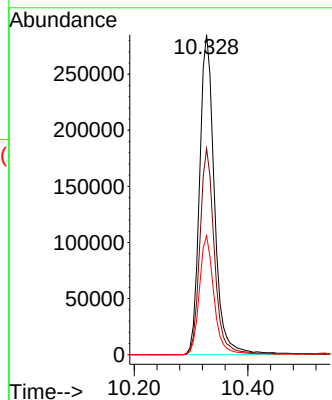
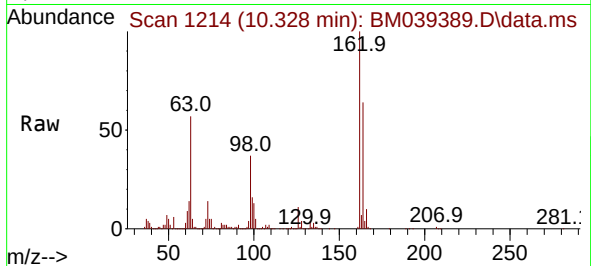
Tgt Ion:162 Resp: 519430

Ion Ratio Lower Upper

162 100

164 64.4 44.8 84.8

98 37.2 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 39.756 ng

RT: 10.533 min Scan# 1249

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

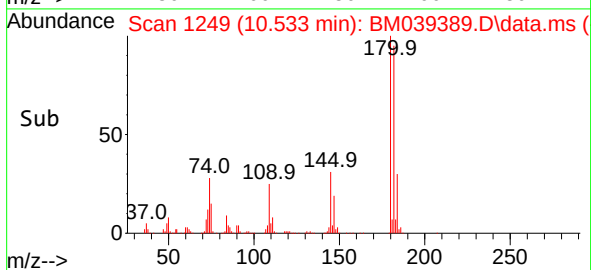
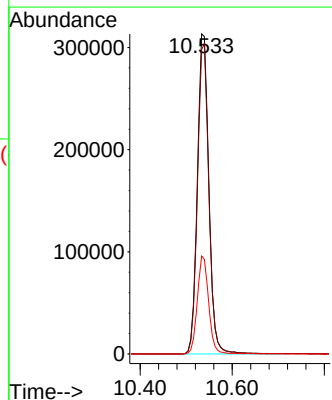
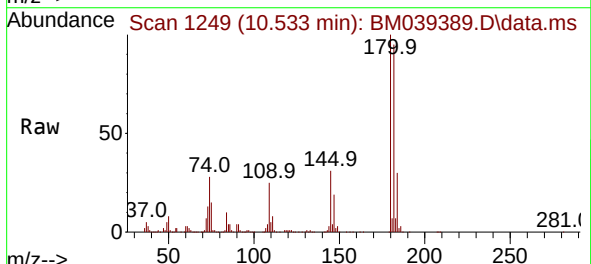
Tgt Ion:180 Resp: 543889

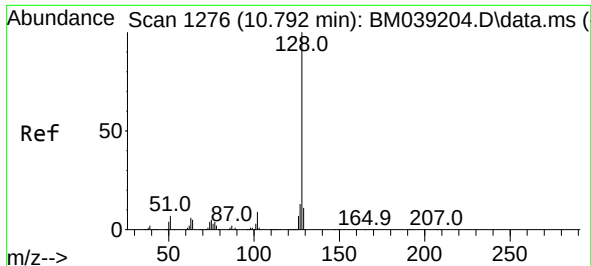
Ion Ratio Lower Upper

180 100

182 95.1 75.2 112.8

145 30.6 23.9 35.9

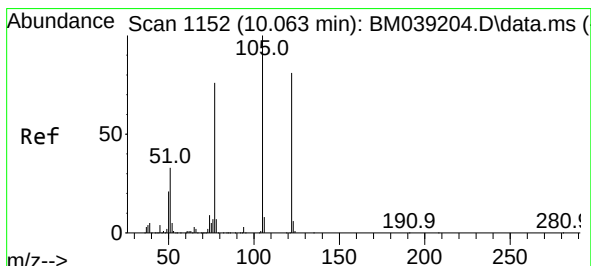
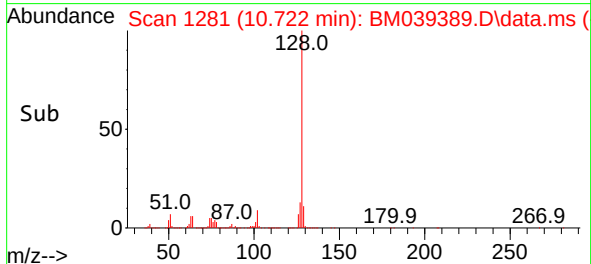
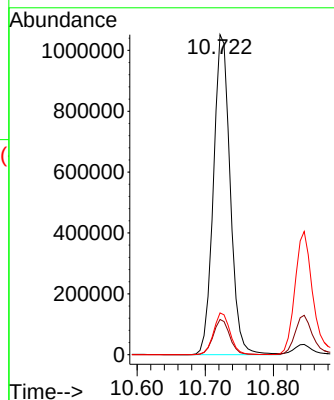
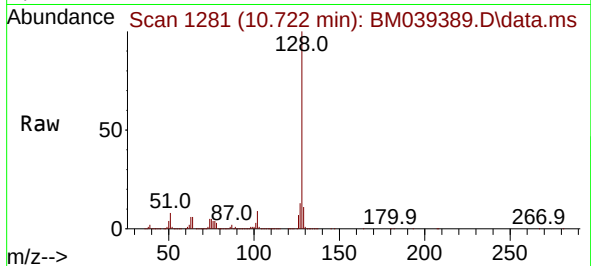




#31
Naphthalene
Concen: 40.078 ng
RT: 10.722 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

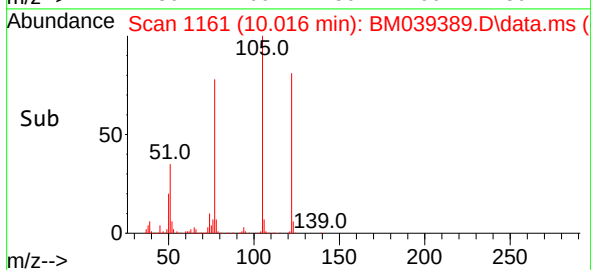
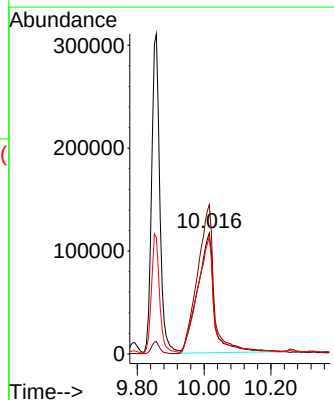
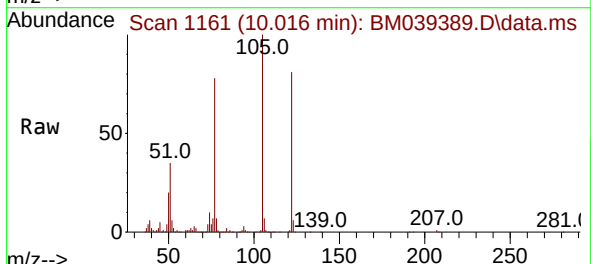
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

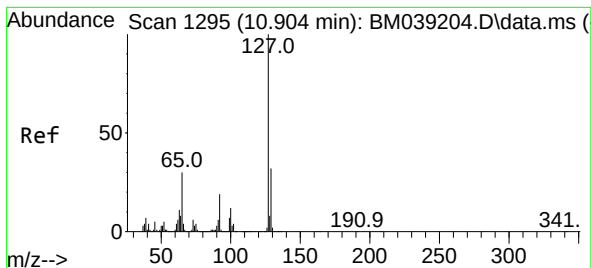
Tgt Ion:128 Resp: 1800696
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 39.427 ng
RT: 10.016 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:122 Resp: 402751
Ion Ratio Lower Upper
122 100
105 123.6 103.1 143.1
77 97.0 74.6 114.6



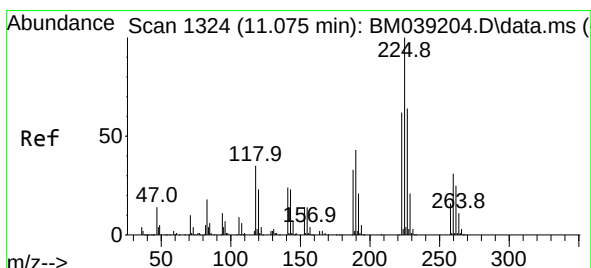
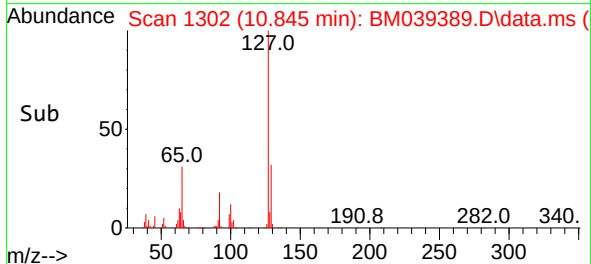
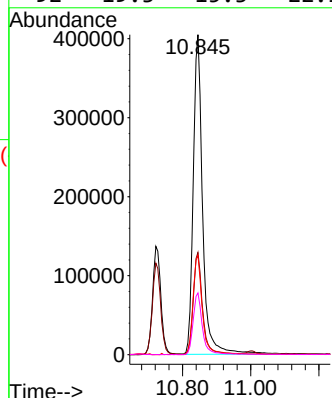
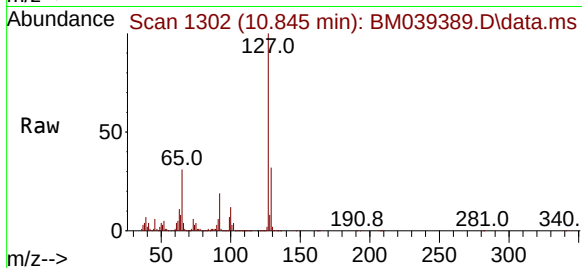


#33
4-Chloroaniline
Concen: 39.343 ng
RT: 10.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 774423

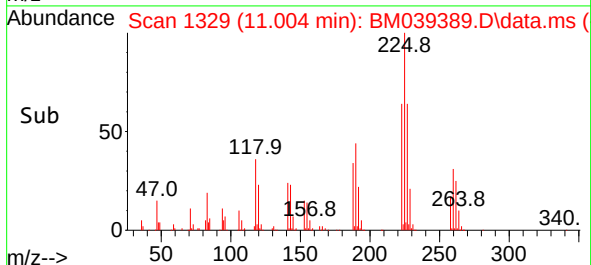
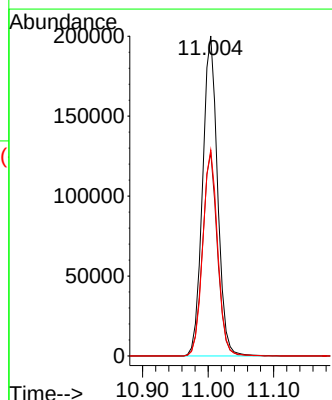
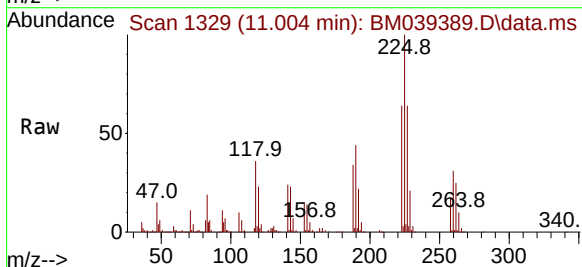
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	31.1	24.1	36.1
92	19.3	15.3	22.9

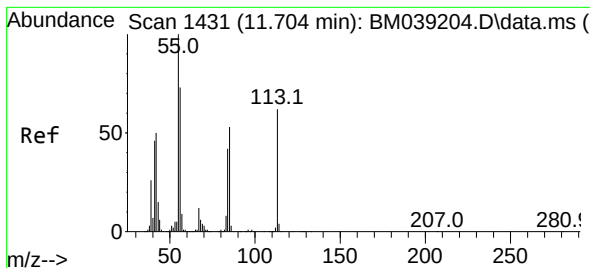


#34
Hexachlorobutadiene
Concen: 39.529 ng
RT: 11.004 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:225 Resp: 317989

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	64.4	51.6	77.4





#35

Caprolactam

Concen: 42.886 ng

RT: 11.651 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

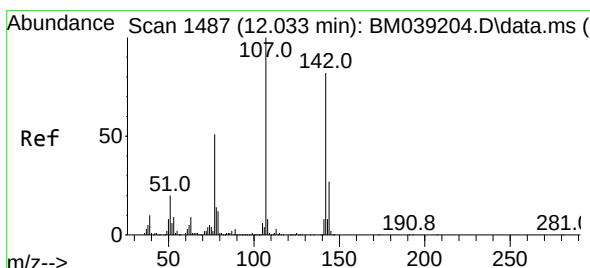
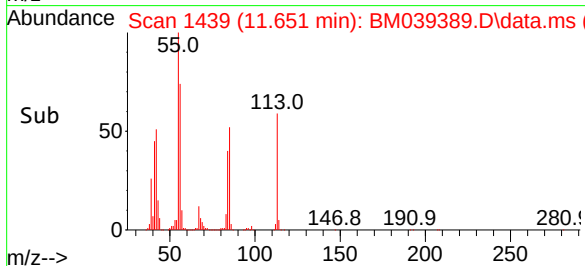
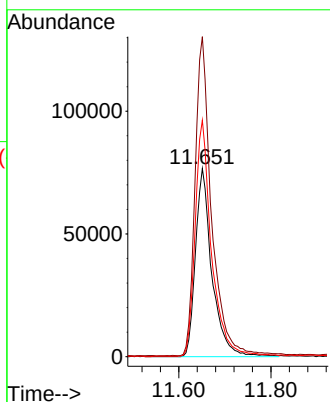
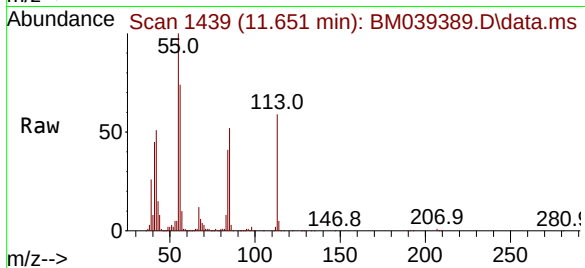
Tgt Ion:113 Resp: 190419

Ion Ratio Lower Upper

113 100

55 170.1 141.8 181.8

56 125.7 98.3 138.3



#36

4-Chloro-3-methylphenol

Concen: 41.531 ng

RT: 11.975 min Scan# 1494

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

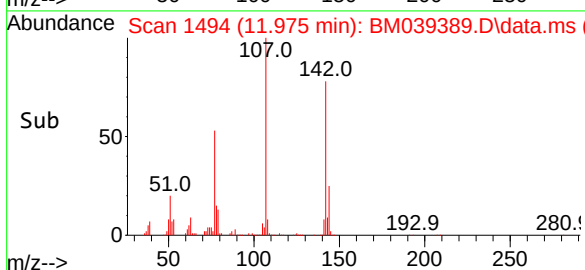
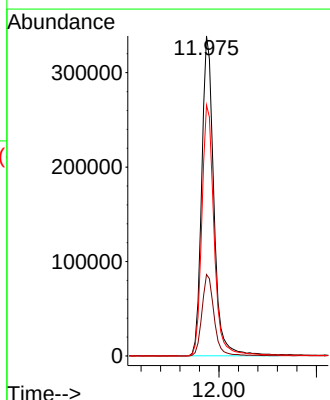
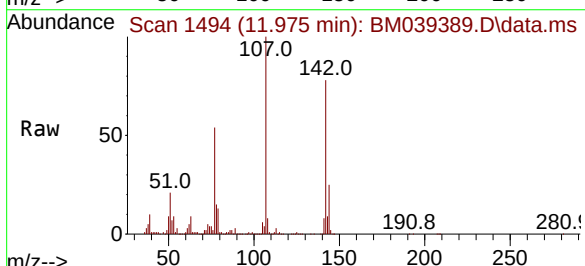
Tgt Ion:107 Resp: 585959

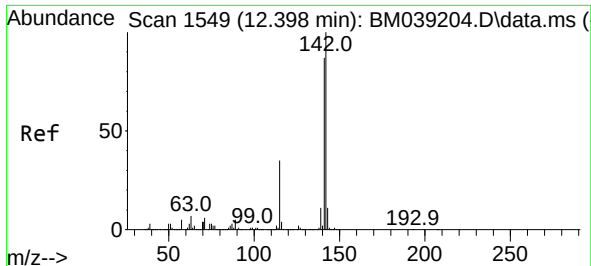
Ion Ratio Lower Upper

107 100

144 25.5 21.4 32.2

142 78.4 65.2 97.8





#37

2-Methylnaphthalene

Concen: 40.670 ng

RT: 12.339 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

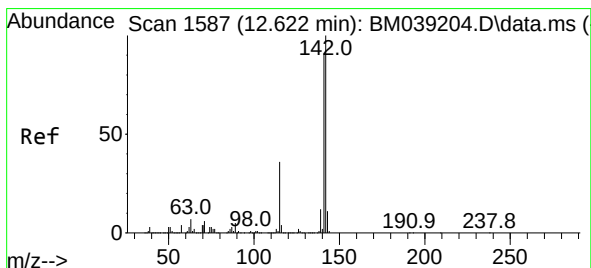
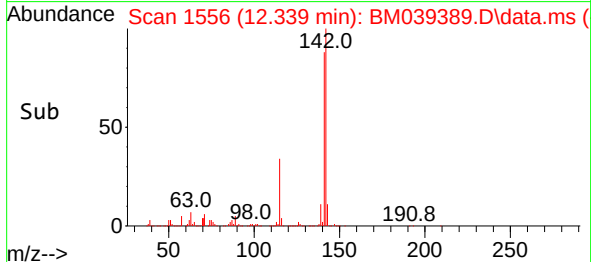
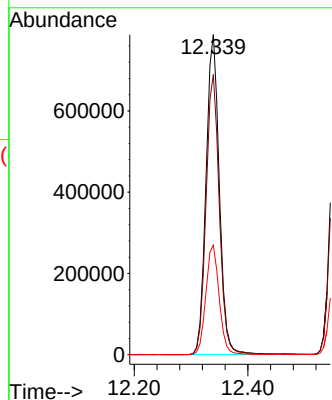
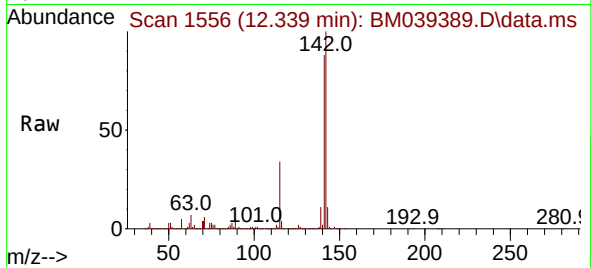
Tgt Ion:142 Resp: 1272078

Ion Ratio Lower Upper

142 100

141 87.5 69.8 104.8

115 34.2 27.8 41.8



#38

1-Methylnaphthalene

Concen: 40.931 ng

RT: 12.557 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

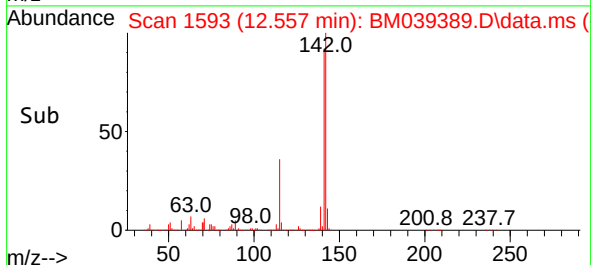
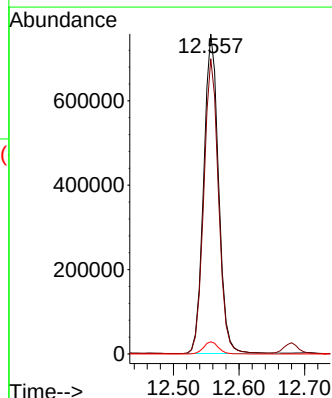
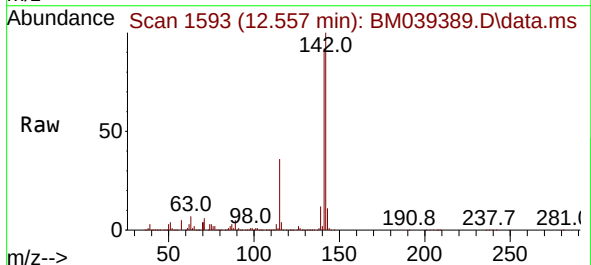
Tgt Ion:142 Resp: 1198752

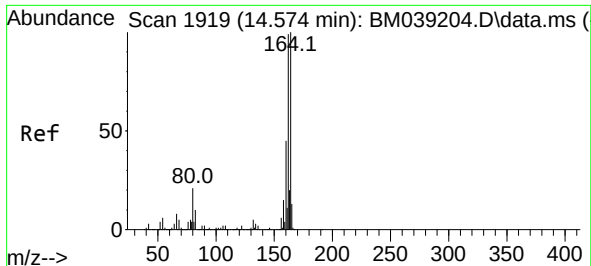
Ion Ratio Lower Upper

142 100

141 92.2 73.2 109.8

116 3.8 3.0 4.4

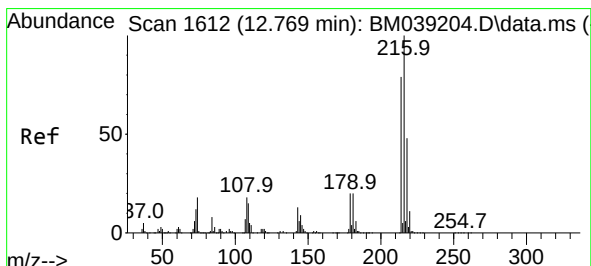
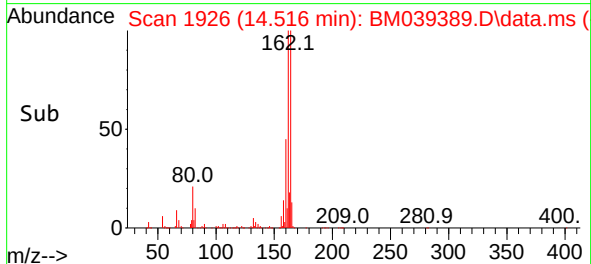
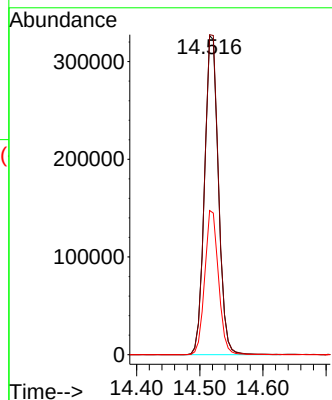
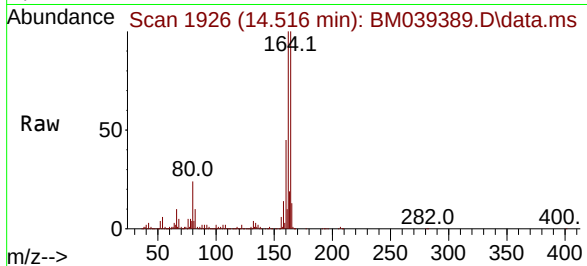




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

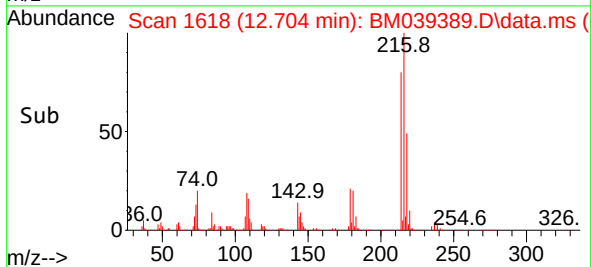
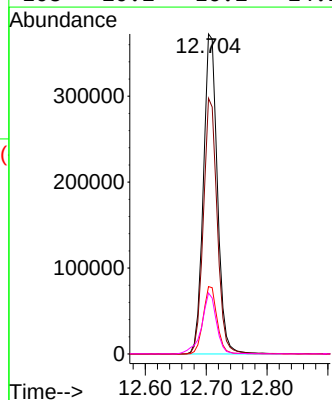
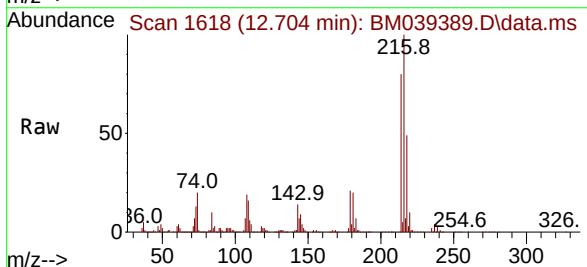
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

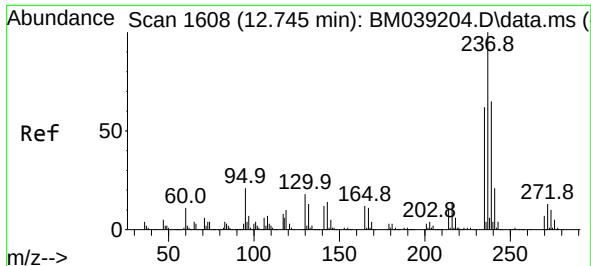
Tgt Ion:164 Resp: 499386
Ion Ratio Lower Upper
164 100
162 100.3 79.1 118.7
160 45.2 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.134 ng
RT: 12.704 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:216 Resp: 595009
Ion Ratio Lower Upper
216 100
214 79.0 62.8 94.2
179 21.0 16.8 25.2
108 20.2 16.2 24.2

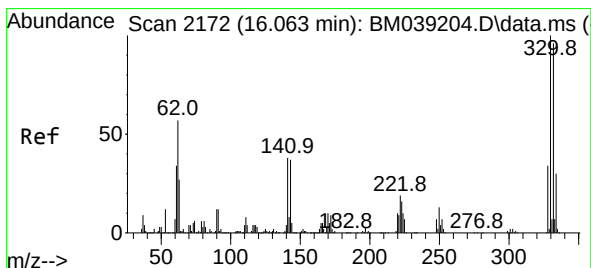
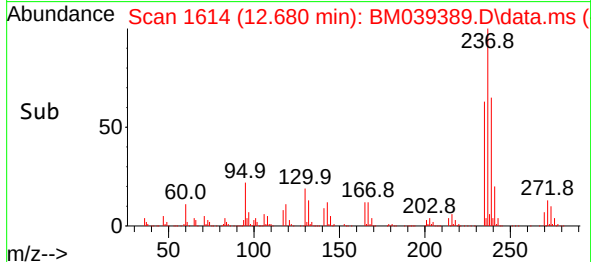
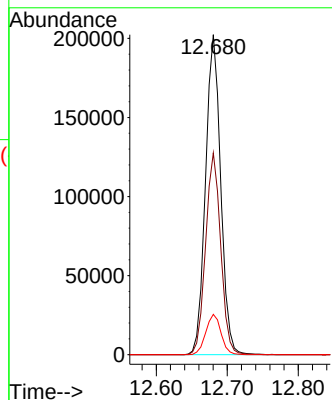
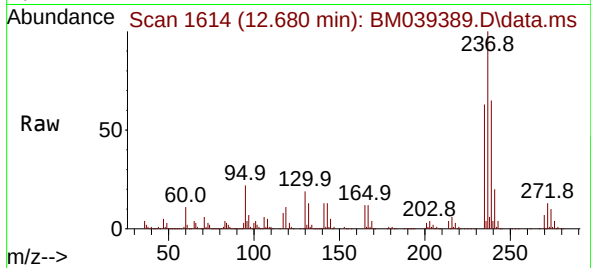




#41
Hexachlorocyclopentadiene
Concen: 36.204 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

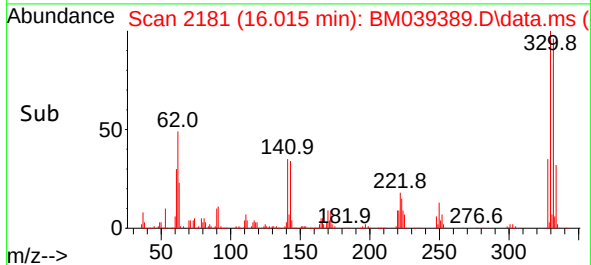
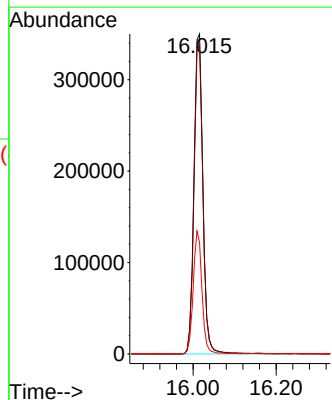
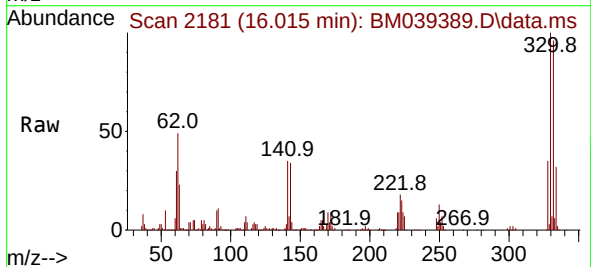
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

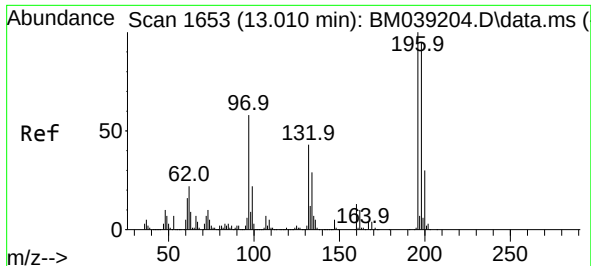
Tgt Ion:237 Resp: 300726
Ion Ratio Lower Upper
237 100
235 63.0 41.6 81.6
272 12.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 82.751 ng
RT: 16.015 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:330 Resp: 524574
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 37.7 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 39.922 ng

RT: 12.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

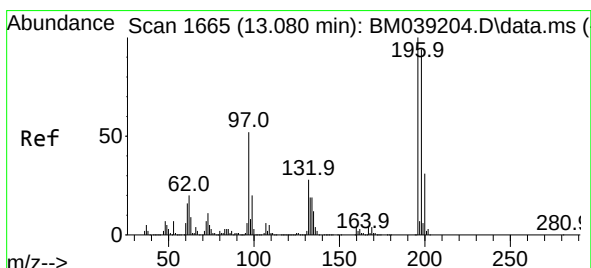
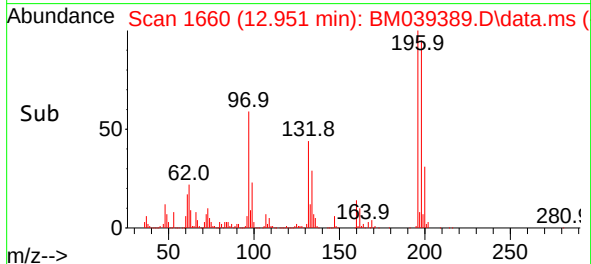
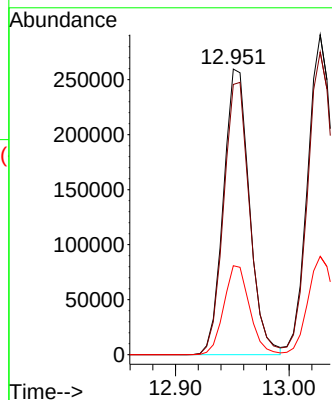
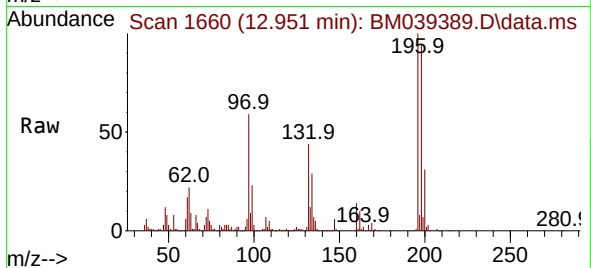
Tgt Ion:196 Resp: 413956

Ion Ratio Lower Upper

196 100

198 94.6 76.2 114.2

200 31.1 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 40.692 ng

RT: 13.027 min Scan# 1673

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Tgt Ion:196 Resp: 494655

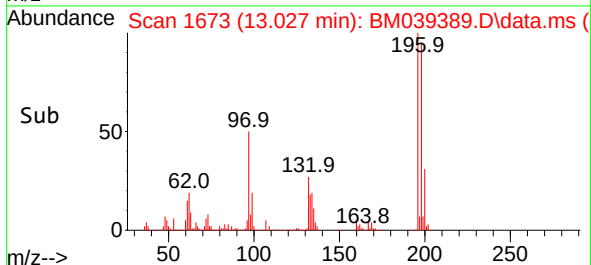
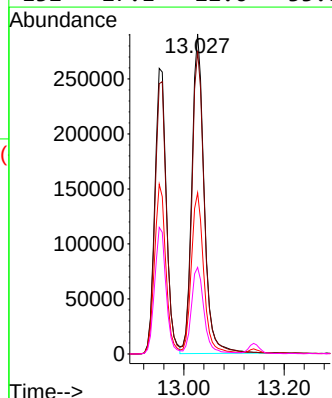
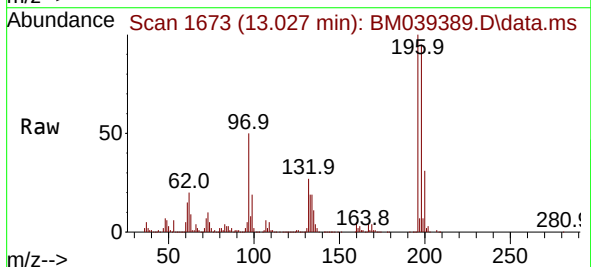
Ion Ratio Lower Upper

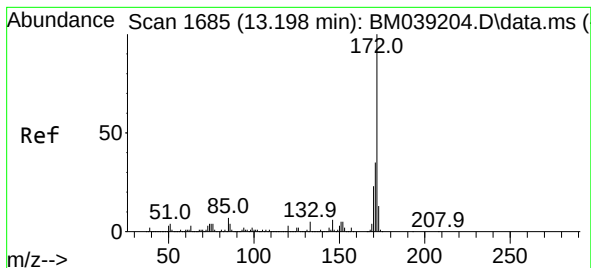
196 100

198 94.6 75.2 112.8

97 50.4 41.4 62.0

132 27.1 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 79.339 ng

RT: 13.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

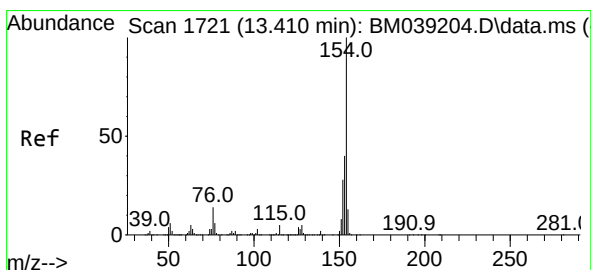
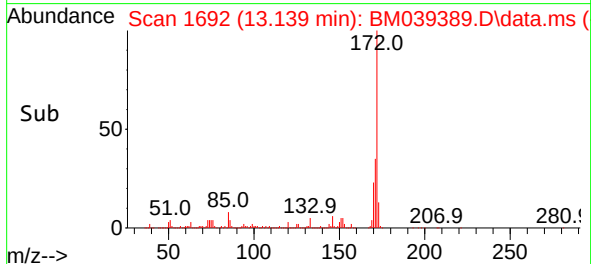
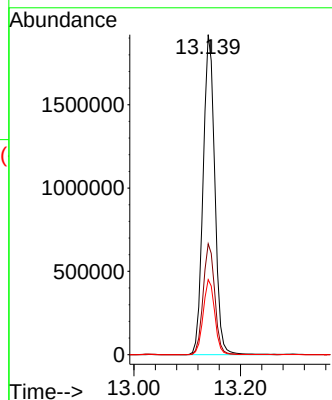
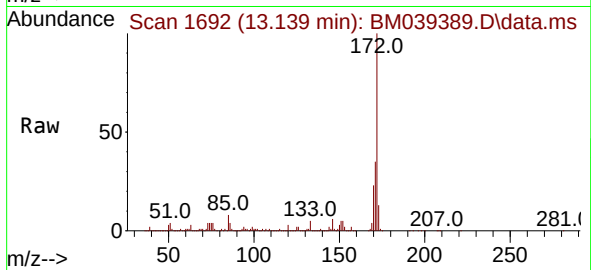
Tgt Ion:172 Resp: 2924221

Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.4 18.7 28.1



#46

1,1'-Biphenyl

Concen: 39.722 ng

RT: 13.351 min Scan# 1728

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

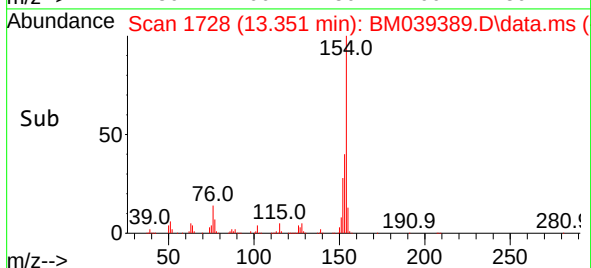
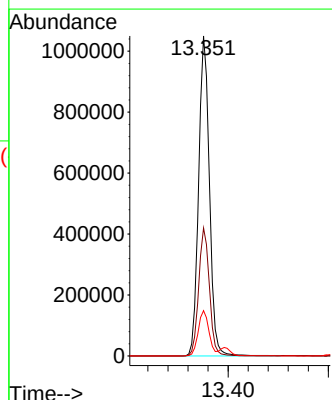
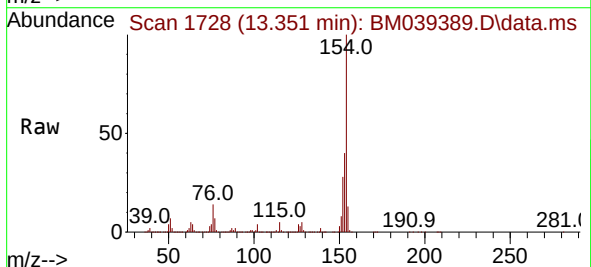
Tgt Ion:154 Resp: 1566467

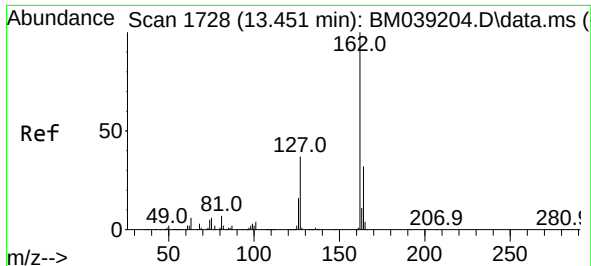
Ion Ratio Lower Upper

154 100

153 40.0 19.9 59.9

76 14.1 0.0 33.5

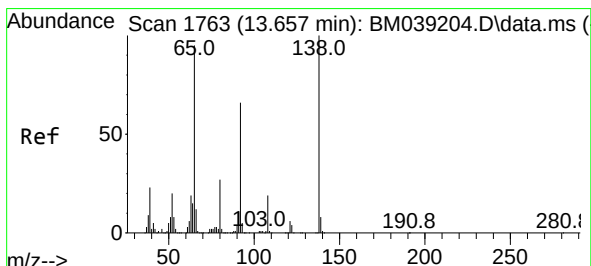
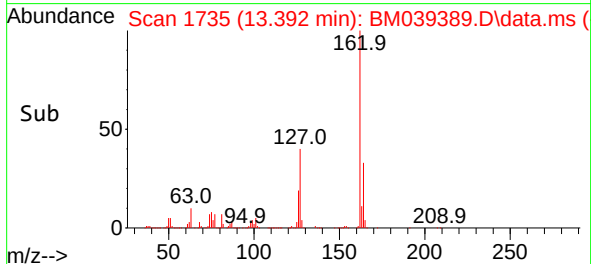
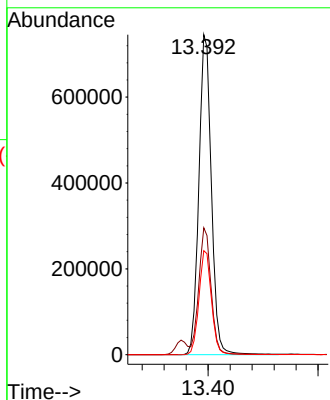
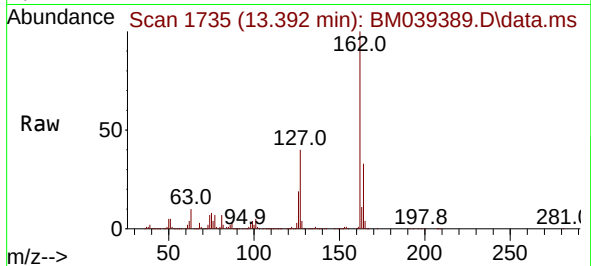




#47
2-Chloronaphthalene
Concen: 39.412 ng
RT: 13.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

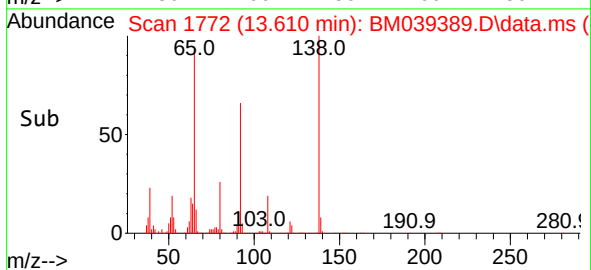
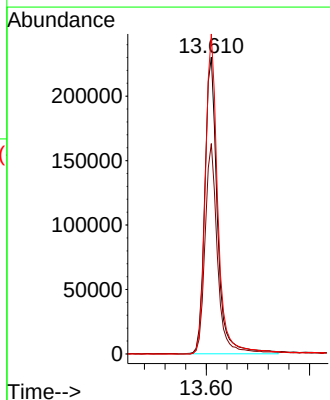
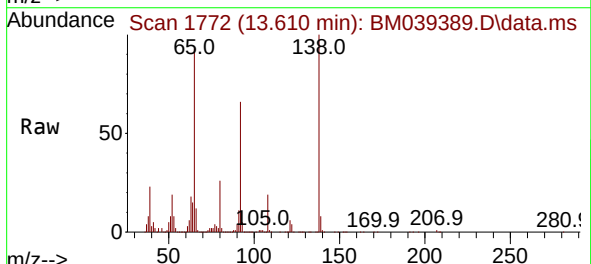
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

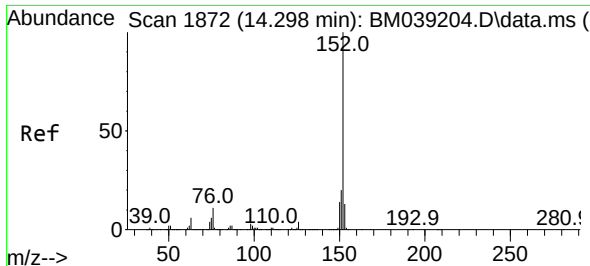
Tgt Ion:162 Resp: 1176808
Ion Ratio Lower Upper
162 100
127 39.7 31.4 47.0
164 32.5 25.7 38.5



#48
2-Nitroaniline
Concen: 38.946 ng
RT: 13.610 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion: 65 Resp: 391333
Ion Ratio Lower Upper
65 100
92 70.9 55.7 83.5
138 107.8 84.5 126.7

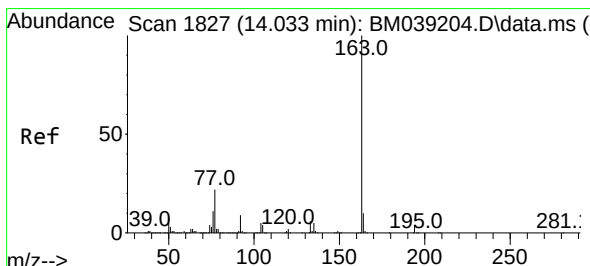
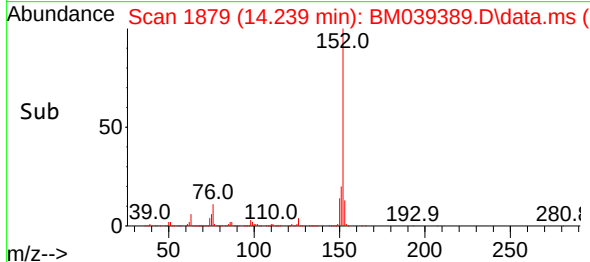
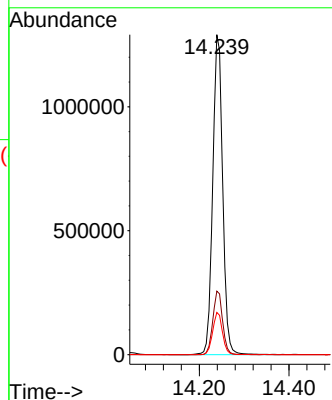
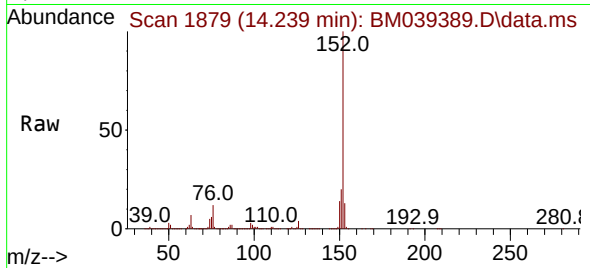




#49
Acenaphthylene
Concen: 40.369 ng
RT: 14.239 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

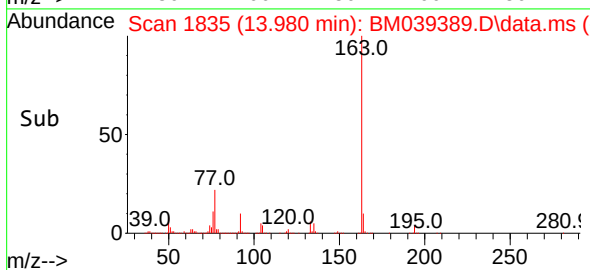
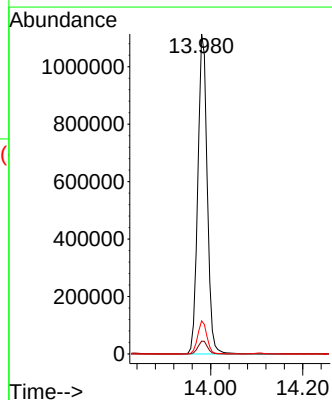
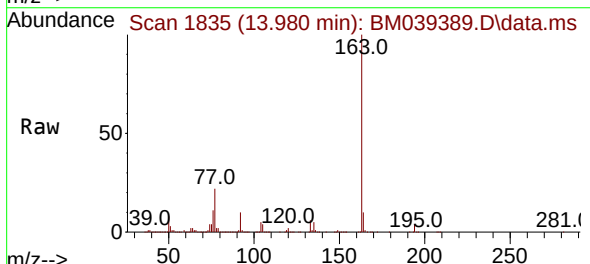
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

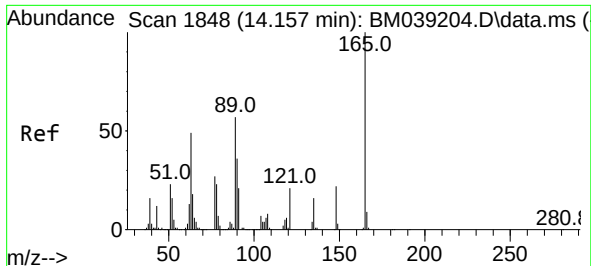
Tgt Ion:152 Resp: 1981112
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.2 10.3 15.5



#50
Dimethylphthalate
Concen: 40.818 ng
RT: 13.980 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:163 Resp: 1570922
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 41.594 ng

RT: 14.104 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

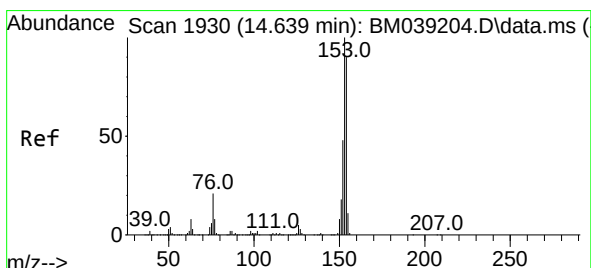
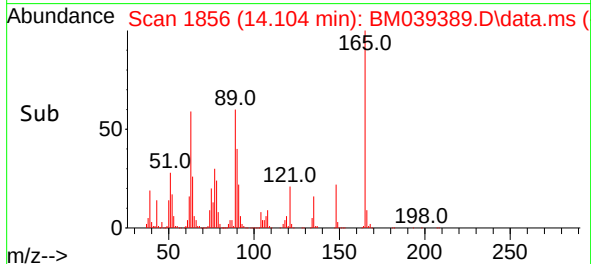
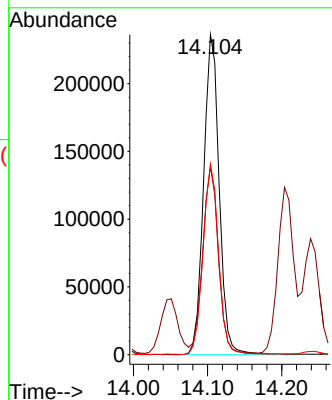
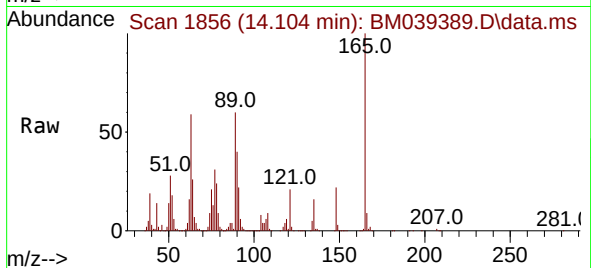
Tgt Ion:165 Resp: 344241

Ion Ratio Lower Upper

165 100

63 58.7 44.9 67.3

89 59.6 45.4 68.0



#52

Acenaphthene

Concen: 40.149 ng

RT: 14.586 min Scan# 1938

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

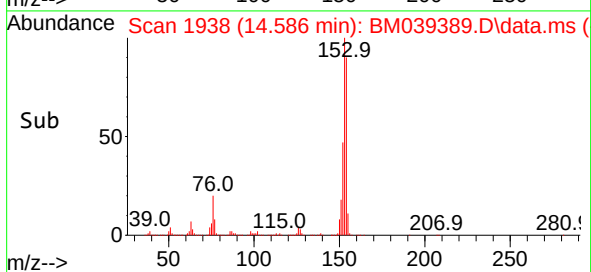
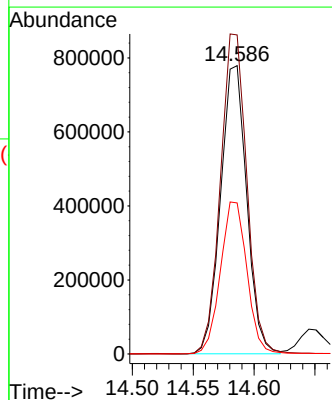
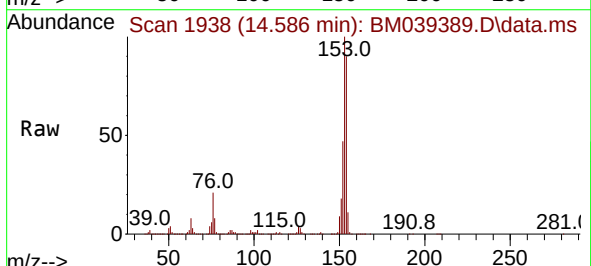
Tgt Ion:154 Resp: 1163430

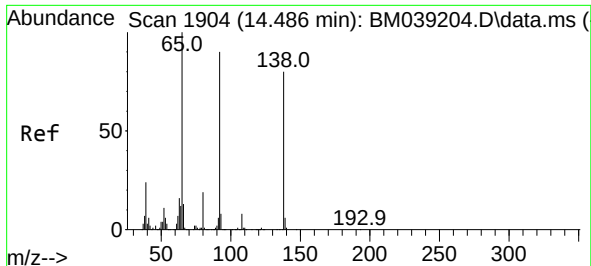
Ion Ratio Lower Upper

154 100

153 110.7 89.1 133.7

152 52.4 42.6 64.0

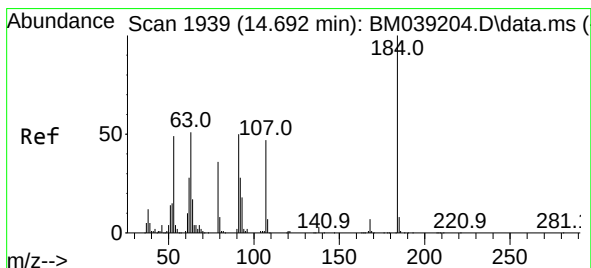
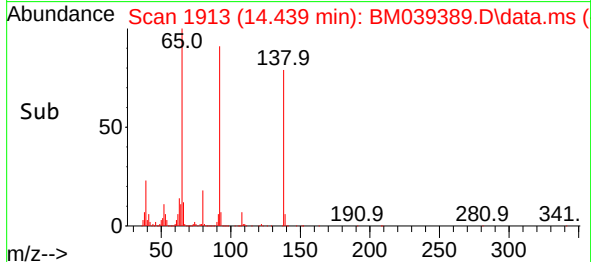
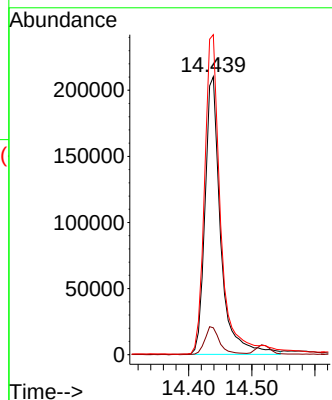
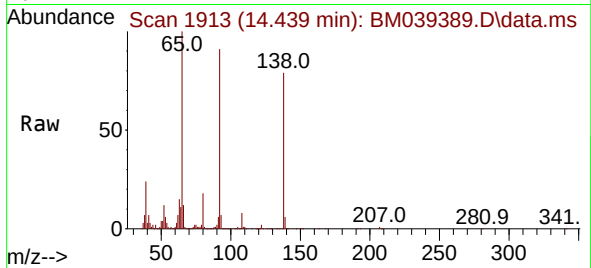




#53
3-Nitroaniline
Concen: 37.758 ng
RT: 14.439 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

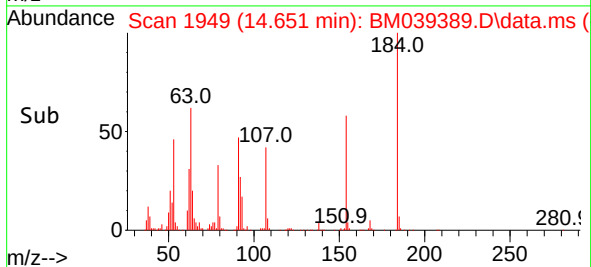
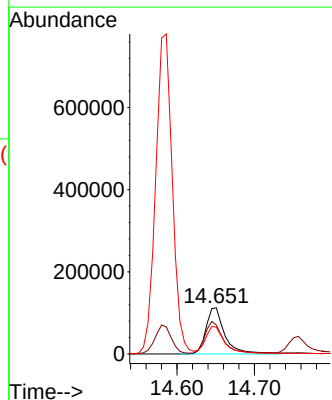
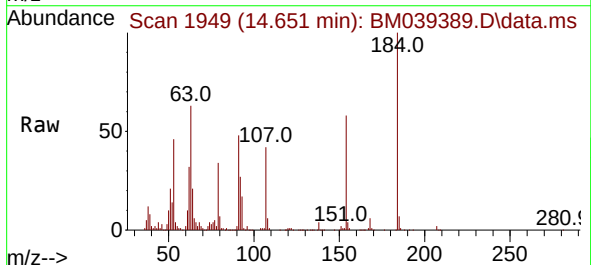
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

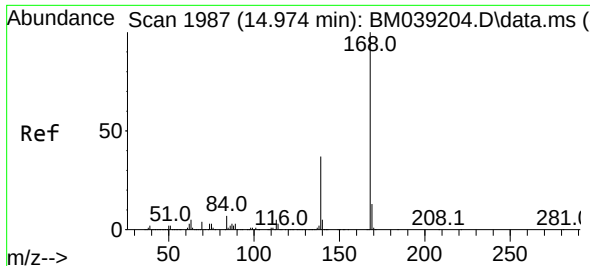
Tgt Ion:138 Resp: 361262
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 115.2 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 38.767 ng
RT: 14.651 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:184 Resp: 190007
Ion Ratio Lower Upper
184 100
63 62.5 56.4 84.6
154 57.9 48.7 73.1

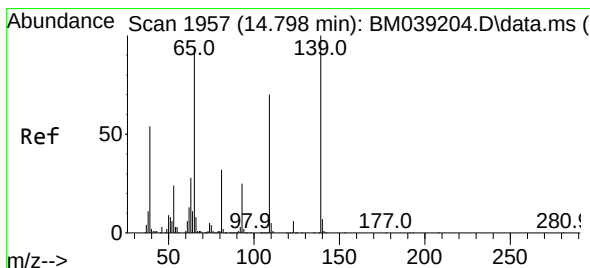
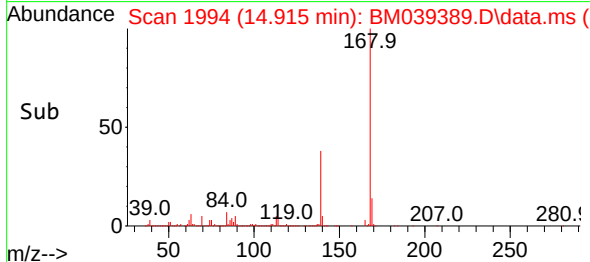
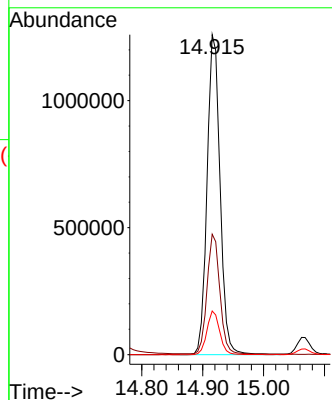
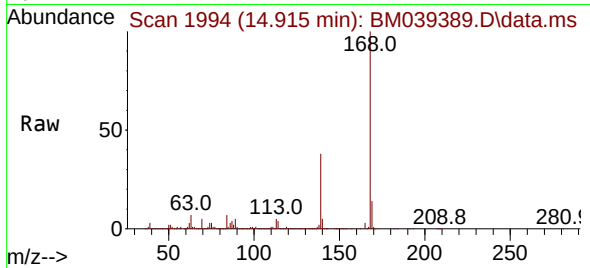




#55
Dibenzenofuran
Concen: 39.931 ng
RT: 14.915 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

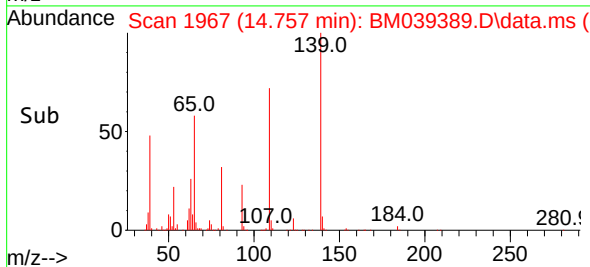
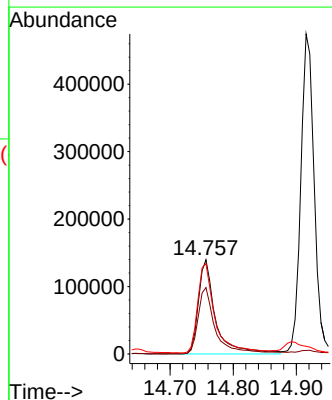
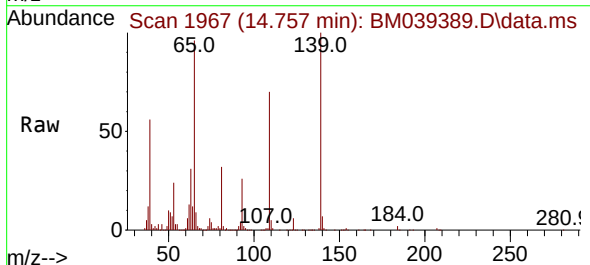
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

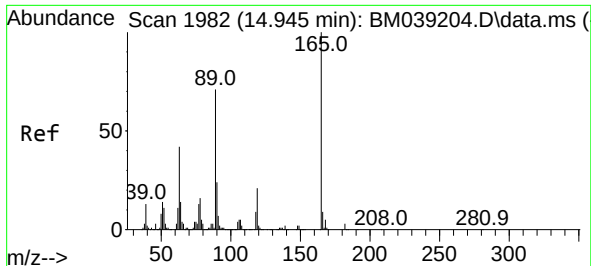
Tgt Ion:168 Resp: 1862934
Ion Ratio Lower Upper
168 100
139 37.7 29.4 44.2
169 13.7 10.6 15.8



#56
4-Nitrophenol
Concen: 35.737 ng
RT: 14.757 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:139 Resp: 263661
Ion Ratio Lower Upper
139 100
109 70.4 49.6 89.6
65 95.9 72.9 112.9





#57

2,4-Dinitrotoluene

Concen: 41.700 ng

RT: 14.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 466870

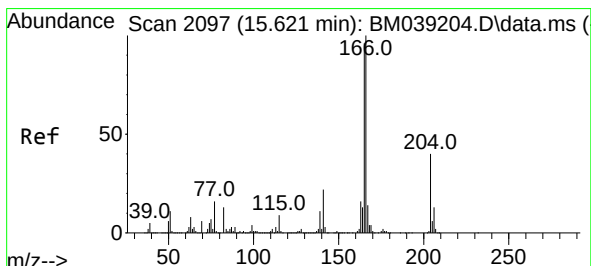
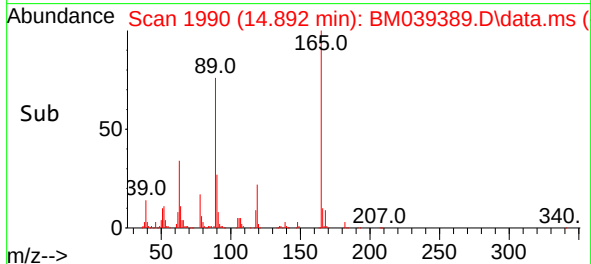
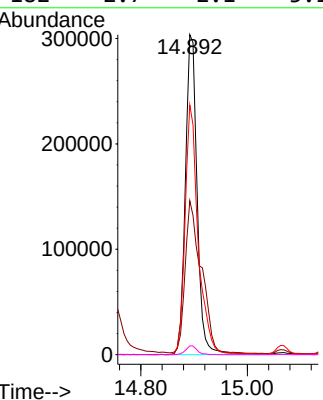
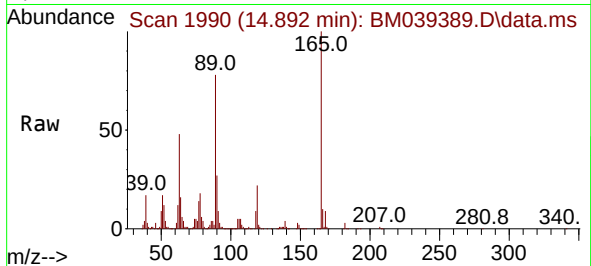
Ion Ratio Lower Upper

165 100

63 48.1 33.5 50.3

89 78.0 56.7 85.1

182 2.7 2.1 3.1



#58

Fluorene

Concen: 40.845 ng

RT: 15.568 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

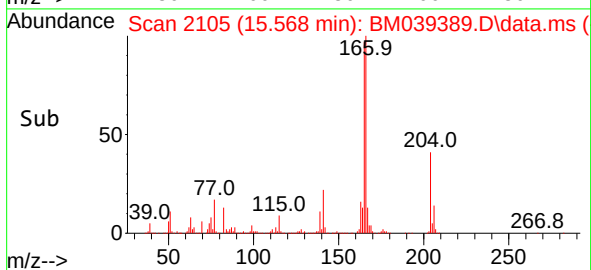
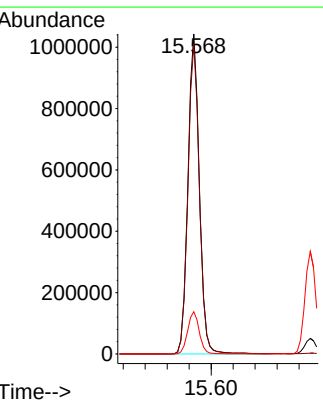
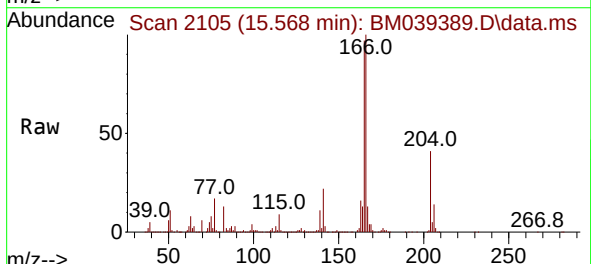
Tgt Ion:166 Resp: 1508927

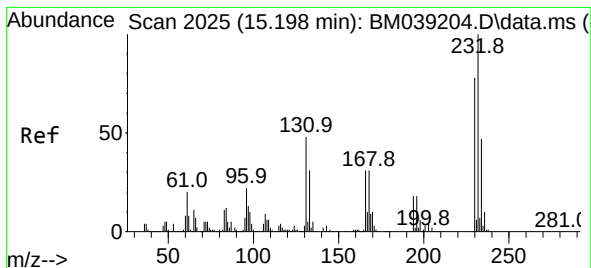
Ion Ratio Lower Upper

166 100

165 96.8 76.9 115.3

167 13.2 10.8 16.2

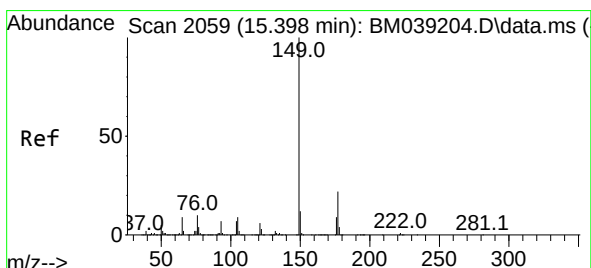
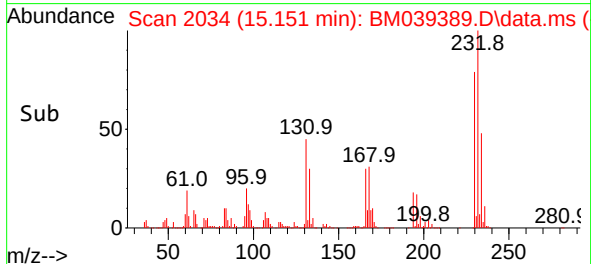
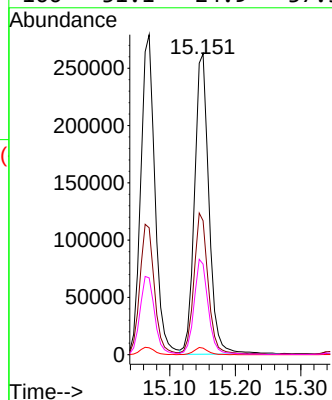
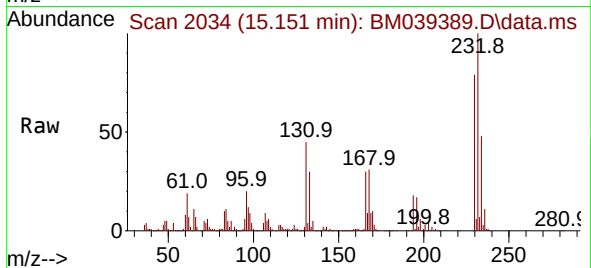




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.434 ng
RT: 15.151 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

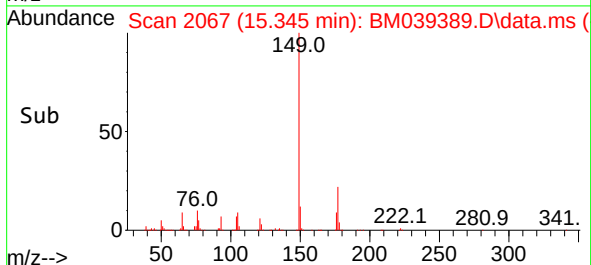
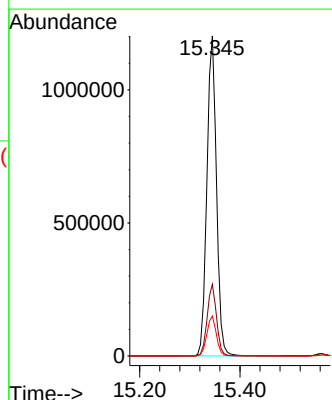
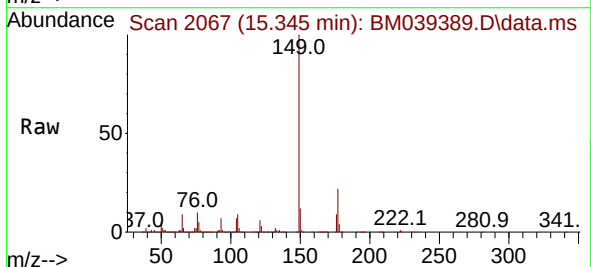
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

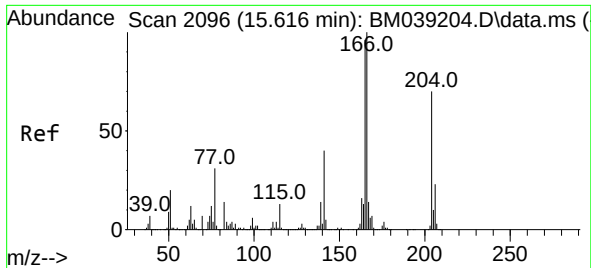
Tgt Ion:232 Resp: 400685
Ion Ratio Lower Upper
232 100
131 46.3 37.7 56.5
130 2.3 1.9 2.9
166 31.1 24.9 37.3



#60
Diethylphthalate
Concen: 41.301 ng
RT: 15.345 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:149 Resp: 1599907
Ion Ratio Lower Upper
149 100
177 22.4 17.7 26.5
150 12.5 9.8 14.6

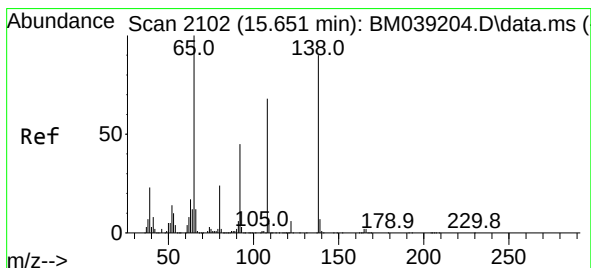
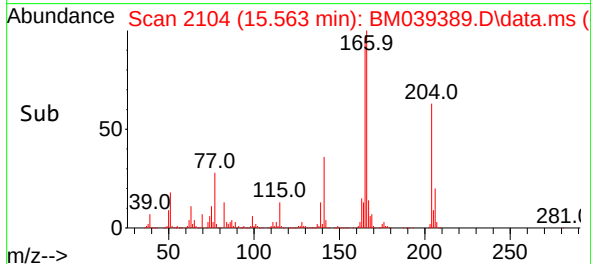
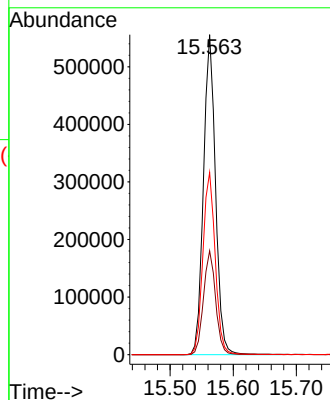
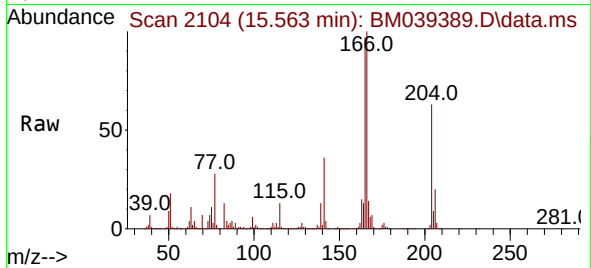




#61
4-Chlorophenyl-phenylether
Concen: 40.226 ng
RT: 15.563 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

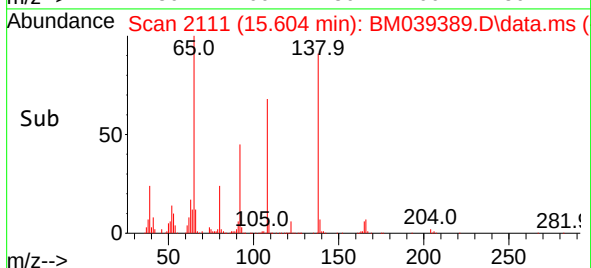
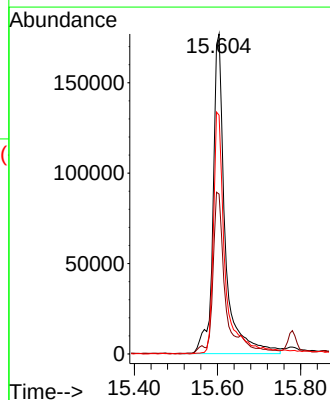
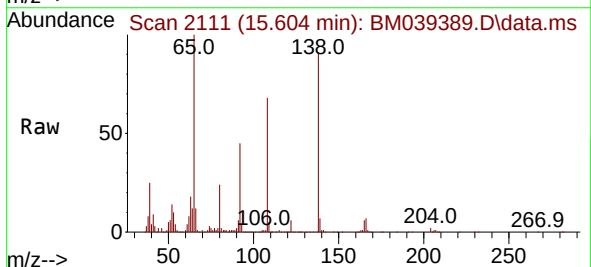
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

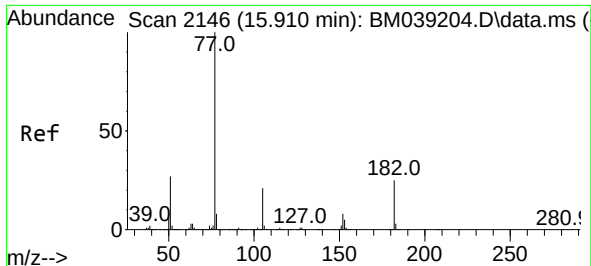
Tgt Ion:204 Resp: 736478
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 56.9 45.8 68.6



#62
4-Nitroaniline
Concen: 36.537 ng
RT: 15.604 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:138 Resp: 358735
Ion Ratio Lower Upper
138 100
92 49.9 30.5 70.5
108 74.6 55.5 95.5



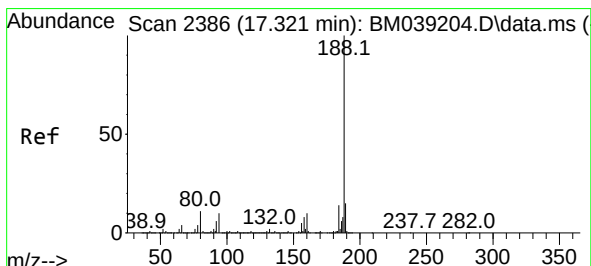
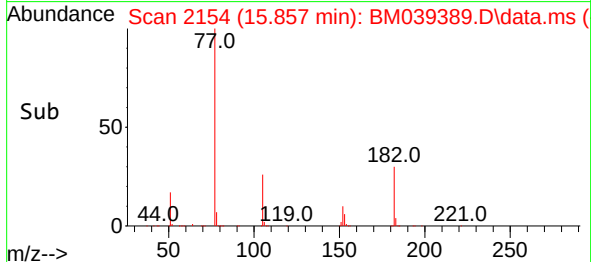
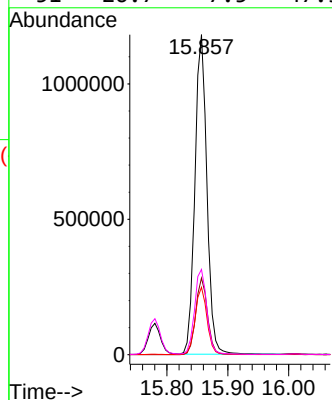
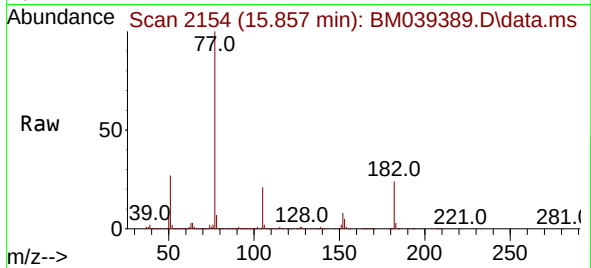


#63
Azobenzene
Concen: 41.537 ng
RT: 15.857 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1612063

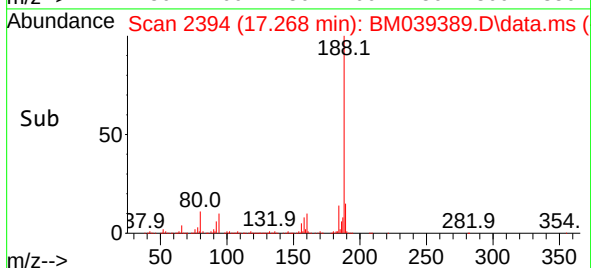
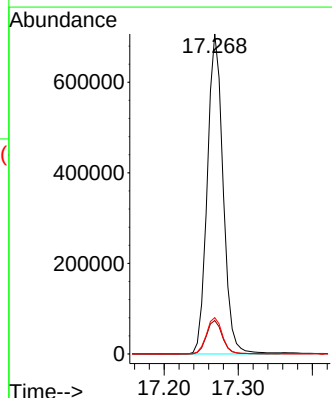
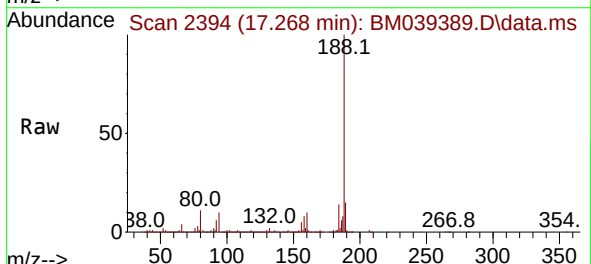
Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.8	44.8
105	21.0	1.4	41.4
51	26.7	7.5	47.5

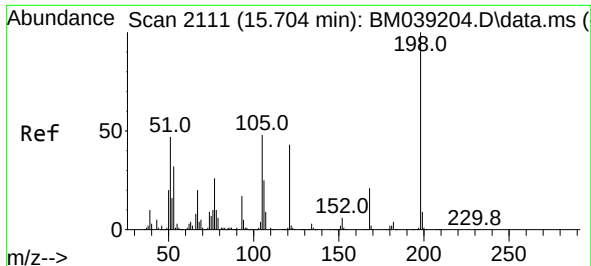


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion: 188 Resp: 1047107

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.4
80	11.4	8.9	13.3

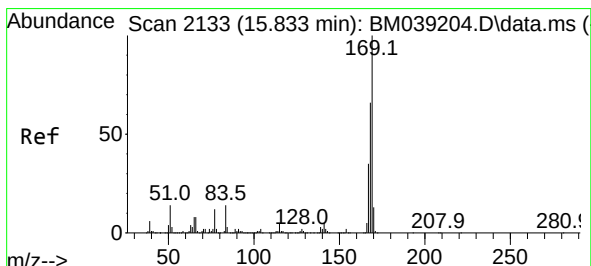
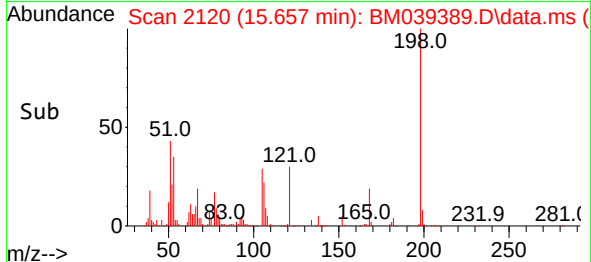
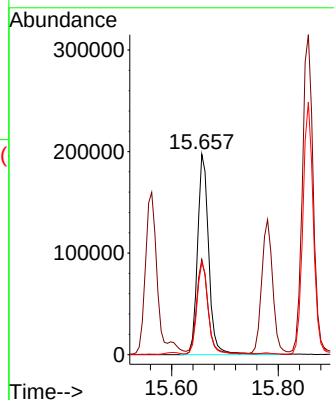
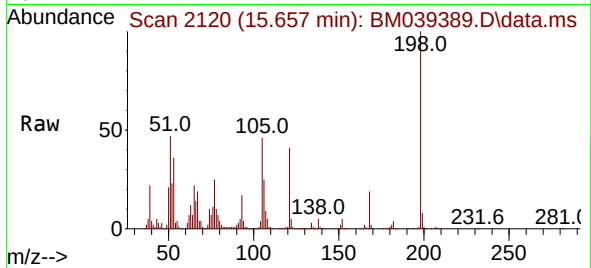




#65
4,6-Dinitro-2-methylphenol
Concen: 41.732 ng
RT: 15.657 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

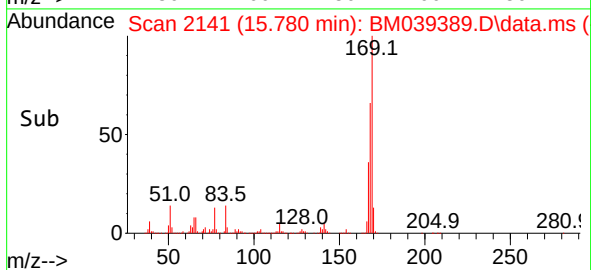
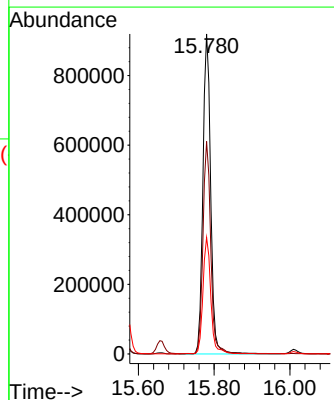
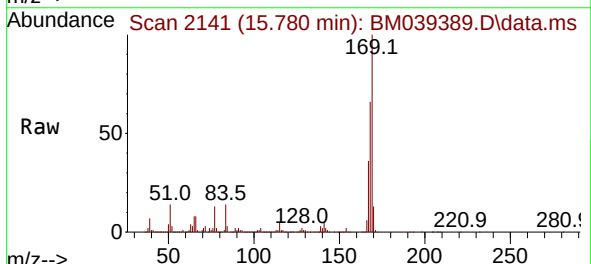
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

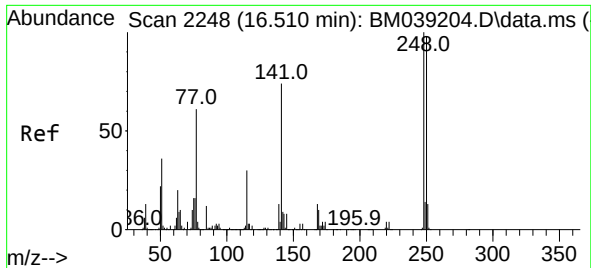
Tgt Ion:198 Resp: 287476
Ion Ratio Lower Upper
198 100
51 47.5 28.9 68.9
105 46.0 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 39.869 ng
RT: 15.780 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:169 Resp: 1315516
Ion Ratio Lower Upper
169 100
168 66.4 52.8 79.2
167 36.4 28.4 42.6

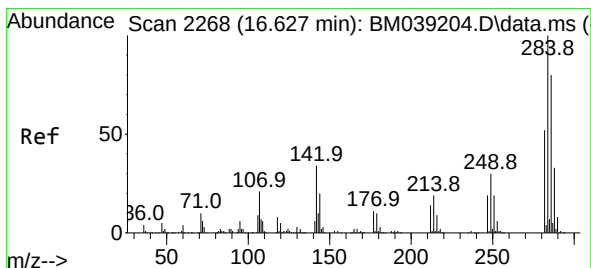
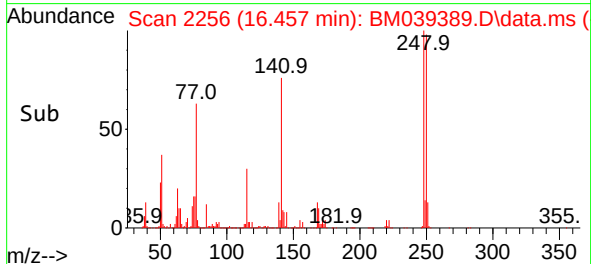
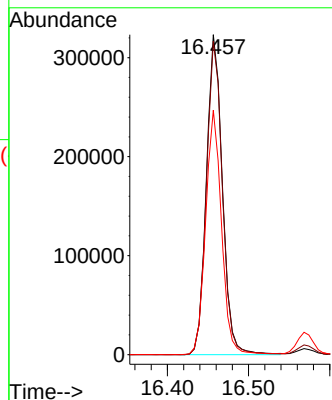
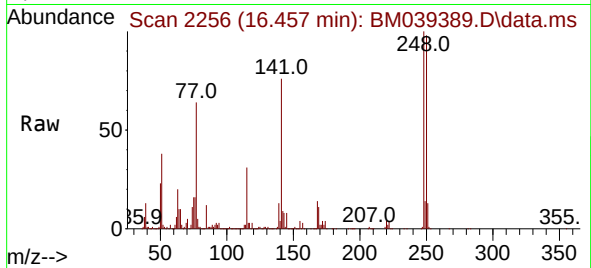




#67
4-Bromophenyl-phenylether
Concen: 39.619 ng
RT: 16.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

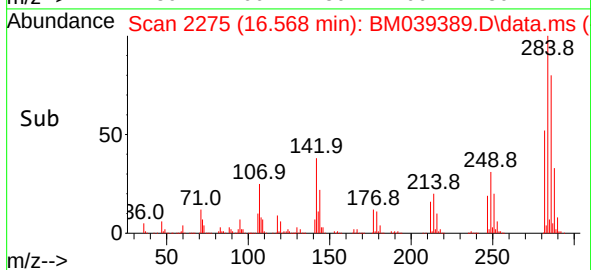
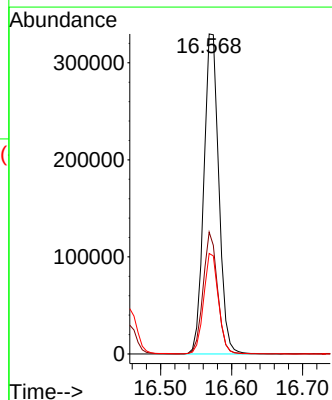
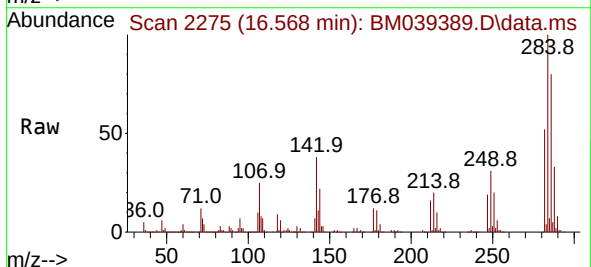
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

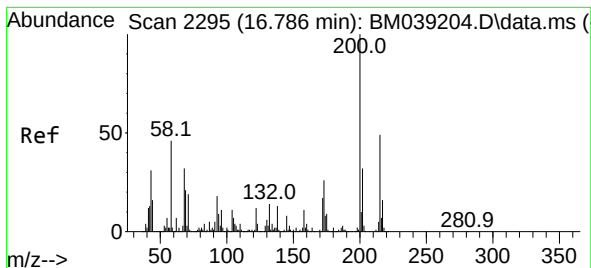
Tgt Ion:248 Resp: 443045
Ion Ratio Lower Upper
248 100
250 97.9 78.8 118.2
141 76.4 58.8 88.2



#68
Hexachlorobenzene
Concen: 39.982 ng
RT: 16.568 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:284 Resp: 484784
Ion Ratio Lower Upper
284 100
142 38.1 27.4 41.2
249 31.4 24.4 36.6





#69

Atrazine

Concen: 41.130 ng

RT: 16.739 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

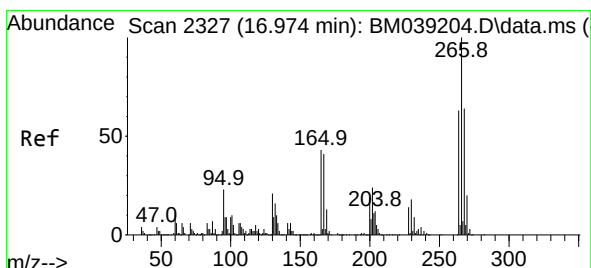
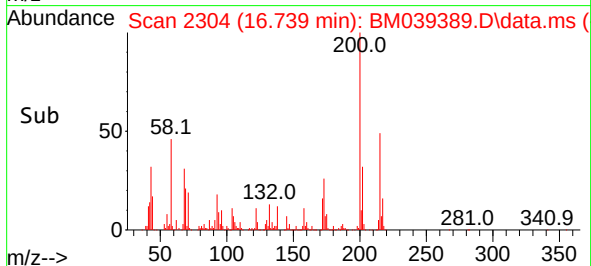
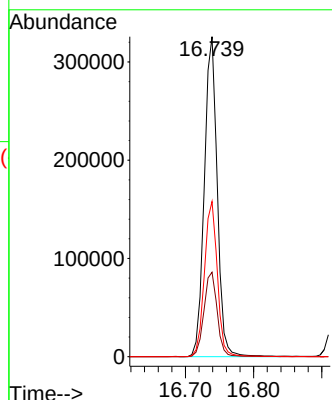
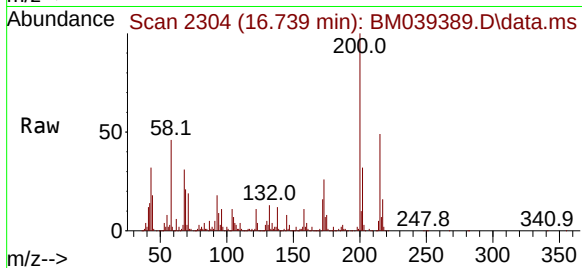
Tgt Ion:200 Resp: 429837

Ion Ratio Lower Upper

200 100

173 26.4 6.4 46.4

215 48.5 28.9 68.9



#70

Pentachlorophenol

Concen: 42.333 ng

RT: 16.921 min Scan# 2335

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

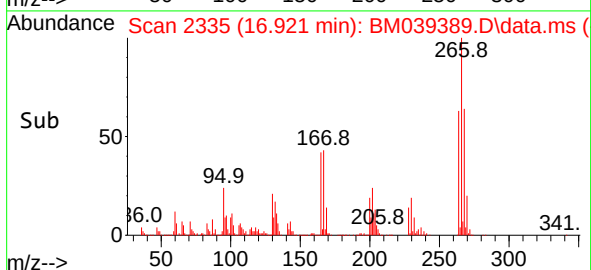
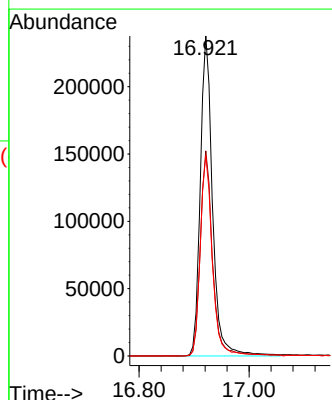
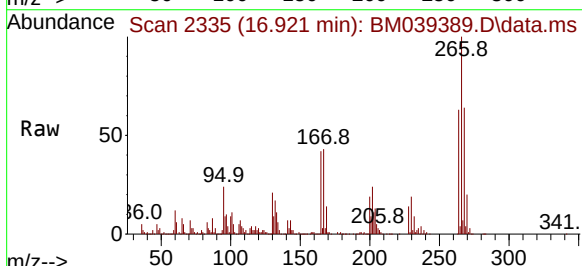
Tgt Ion:266 Resp: 368259

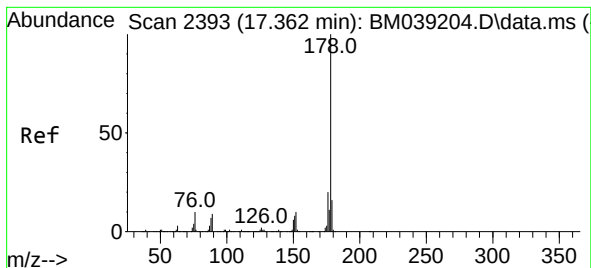
Ion Ratio Lower Upper

266 100

268 64.1 51.4 77.2

264 62.7 50.2 75.4





#71

Phenanthrene

Concen: 40.121 ng

RT: 17.309 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

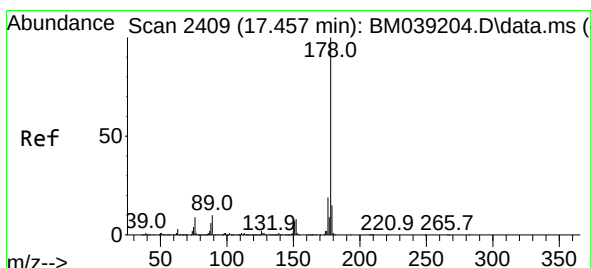
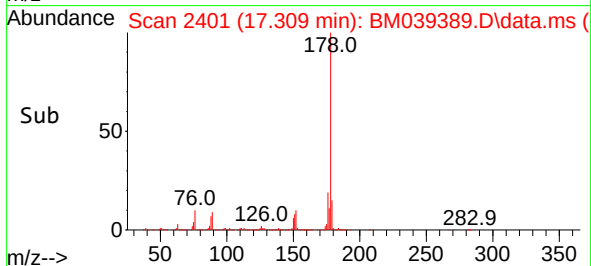
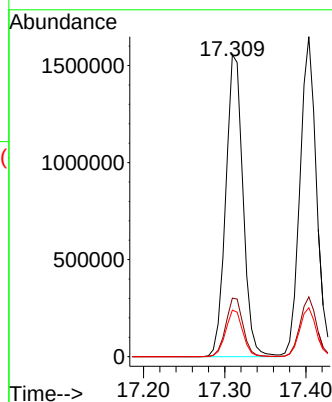
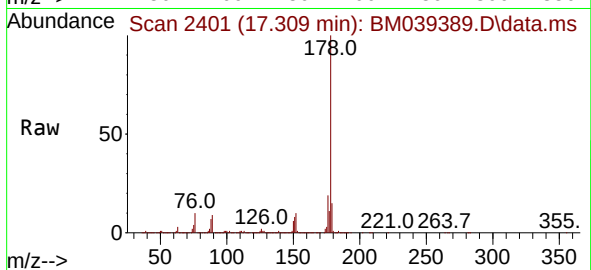
Tgt Ion:178 Resp: 2300855

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.4 12.4 18.6



#72

Anthracene

Concen: 40.918 ng

RT: 17.404 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

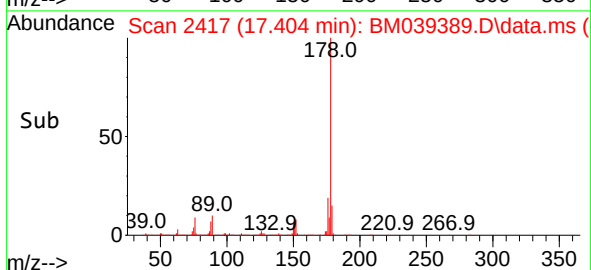
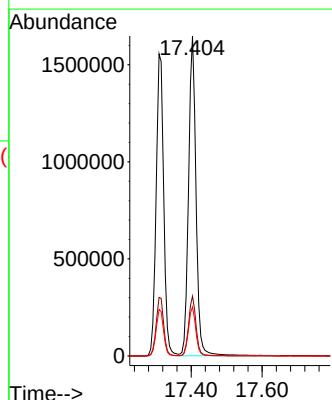
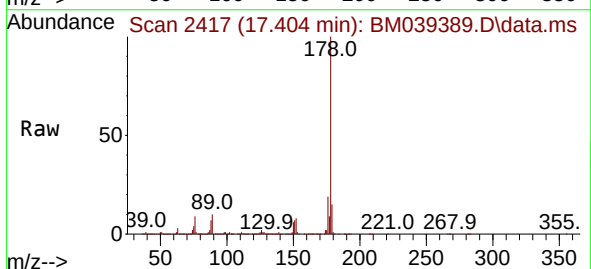
Tgt Ion:178 Resp: 2392765

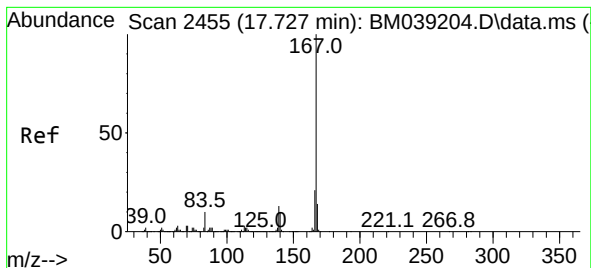
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.3 12.2 18.2





#73

Carbazole

Concen: 40.183 ng

RT: 17.680 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

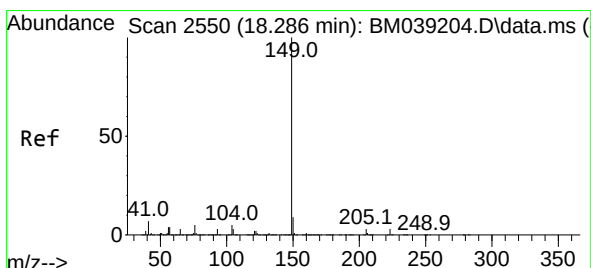
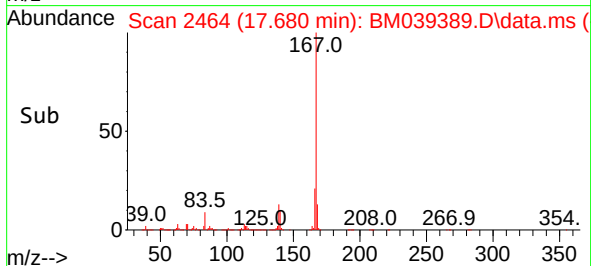
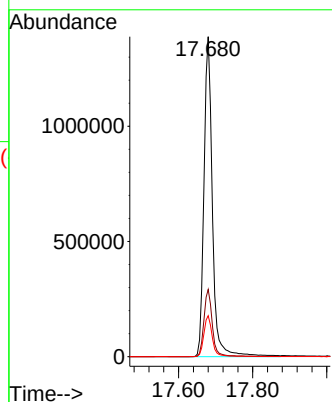
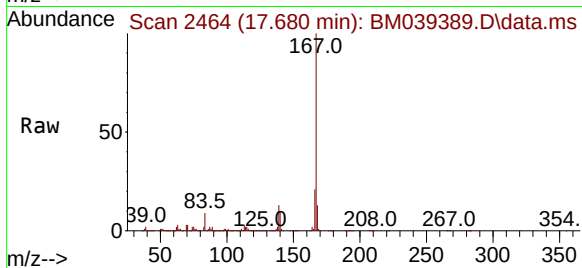
Tgt Ion:167 Resp: 2195699

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

139 12.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.858 ng

RT: 18.239 min Scan# 2559

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

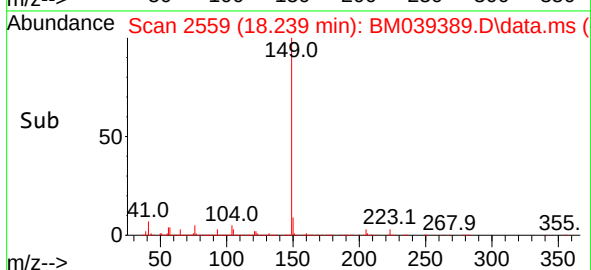
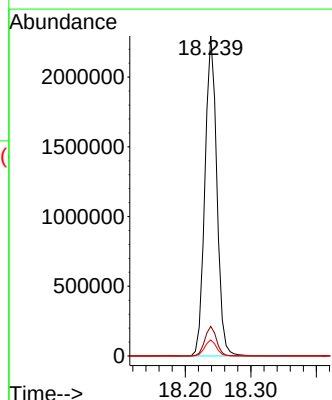
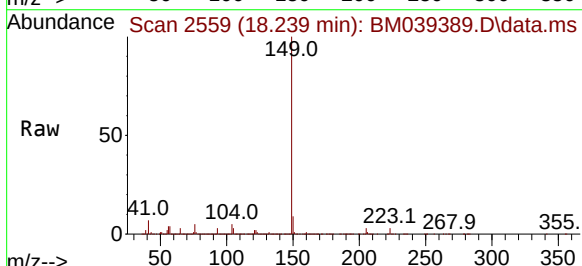
Tgt Ion:149 Resp: 2896897

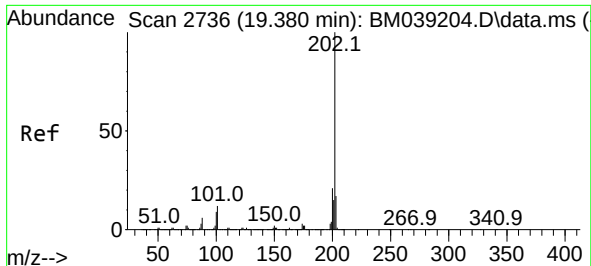
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.0 4.1 6.1

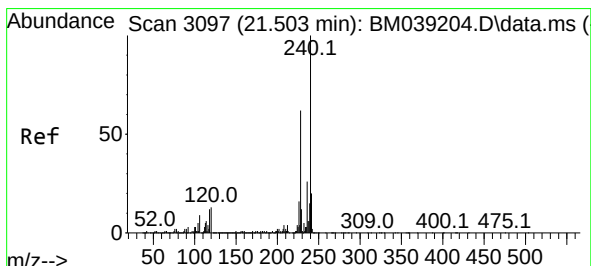
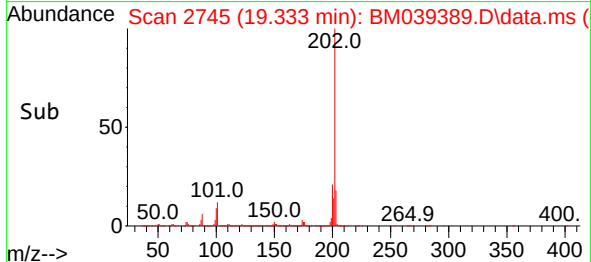
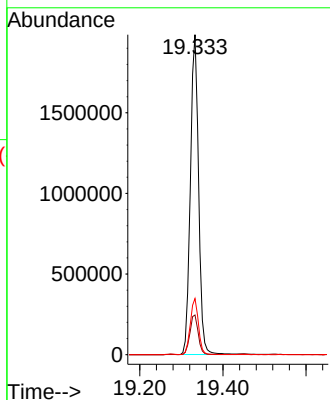
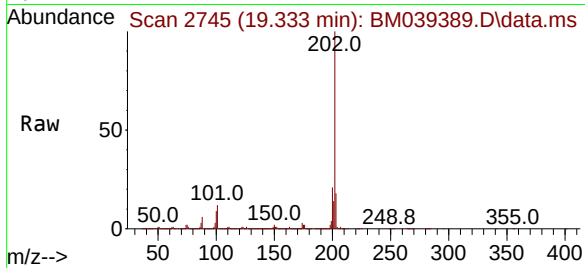




#75
Fluoranthene
Concen: 41.605 ng
RT: 19.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

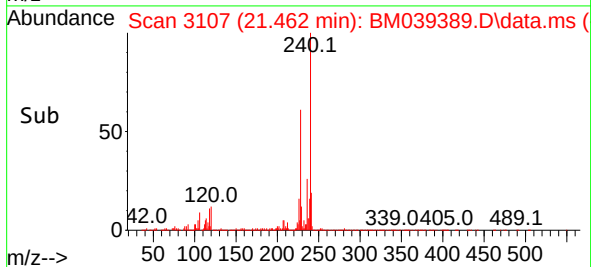
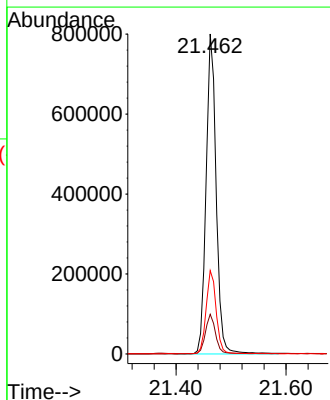
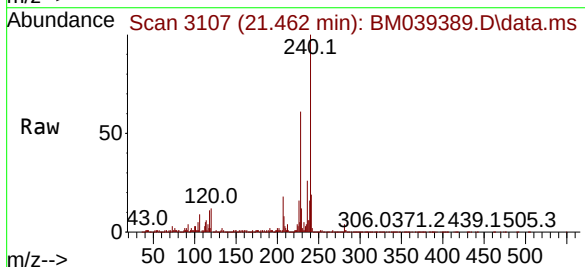
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

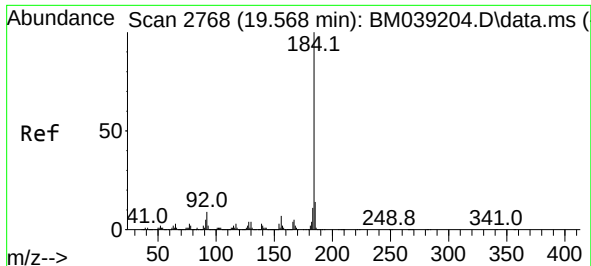
Tgt Ion:202 Resp: 2719831
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.5
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:240 Resp: 1015304
Ion Ratio Lower Upper
240 100
120 12.4 10.2 15.2
236 26.0 20.9 31.3

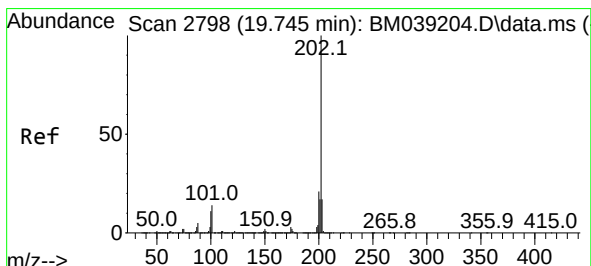
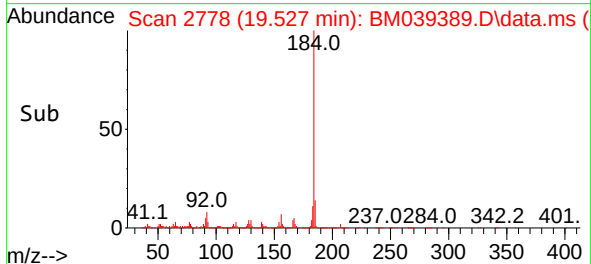
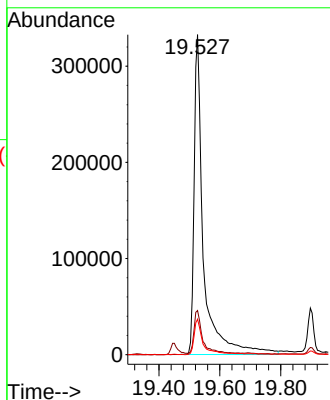
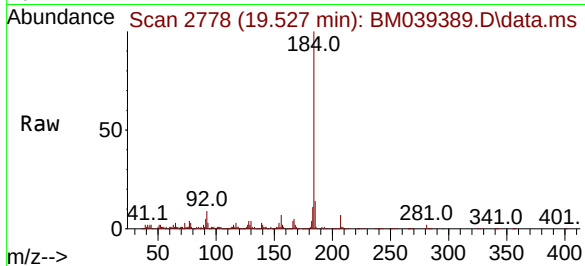




#77
Benzidine
Concen: 26.624 ng
RT: 19.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

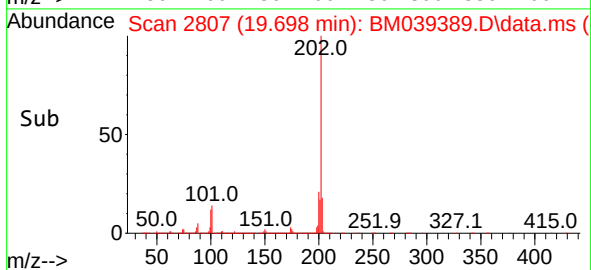
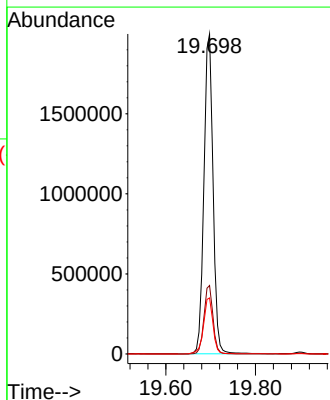
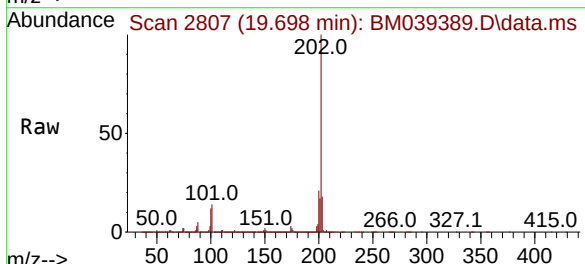
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

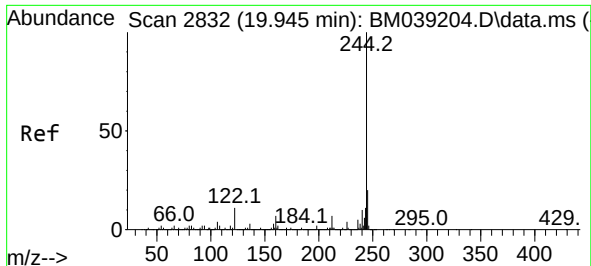
Tgt Ion:184 Resp: 712998
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 11.1 9.0 13.4



#78
Pyrene
Concen: 38.950 ng
RT: 19.698 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:202 Resp: 2815230
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.5 13.9 20.9

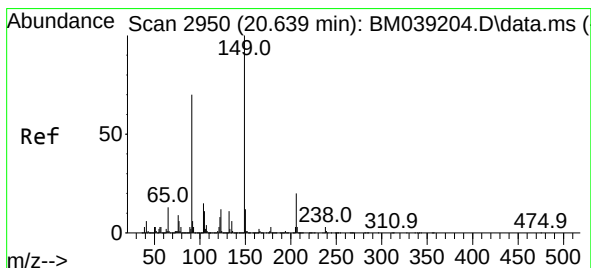
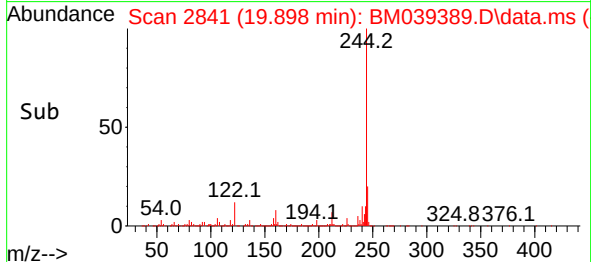
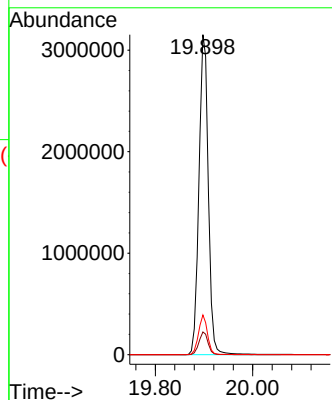
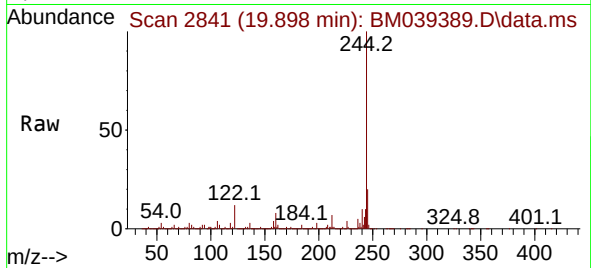




#79
 Terphenyl-d14
 Concen: 76.979 ng
 RT: 19.898 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039389.D
 Acq: 11 Apr 2023 11:40

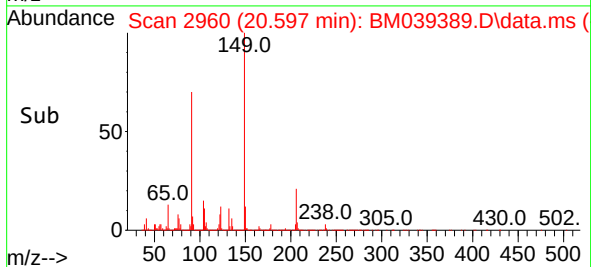
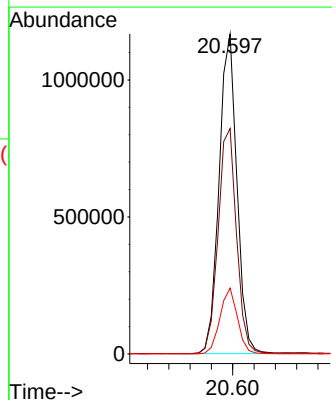
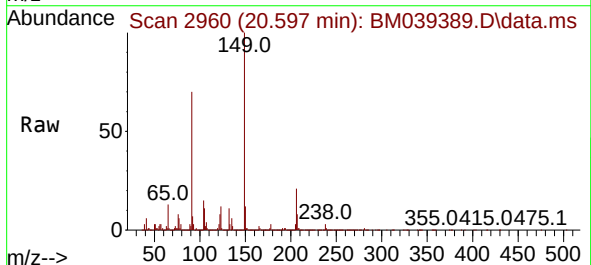
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

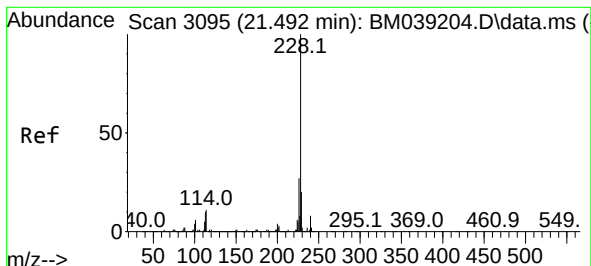
Tgt Ion:244 Resp: 4230273
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.4 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 40.813 ng
 RT: 20.597 min Scan# 2960
 Delta R.T. 0.000 min
 Lab File: BM039389.D
 Acq: 11 Apr 2023 11:40

Tgt Ion:149 Resp: 1351453
 Ion Ratio Lower Upper
 149 100
 91 70.5 56.3 84.5
 206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.232 ng

RT: 21.444 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

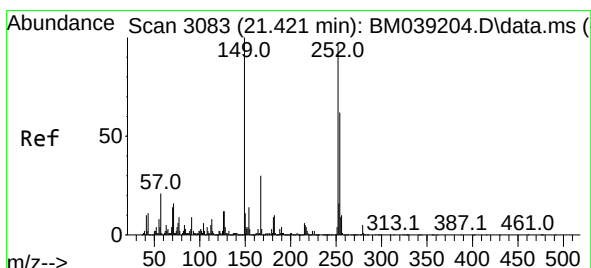
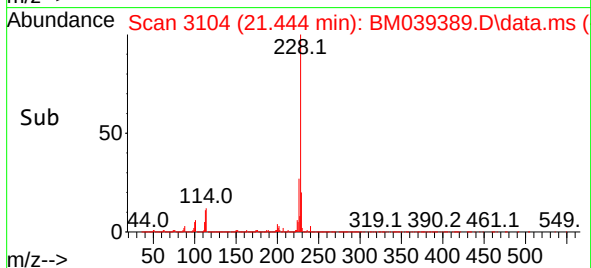
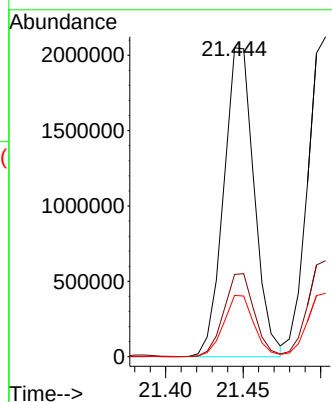
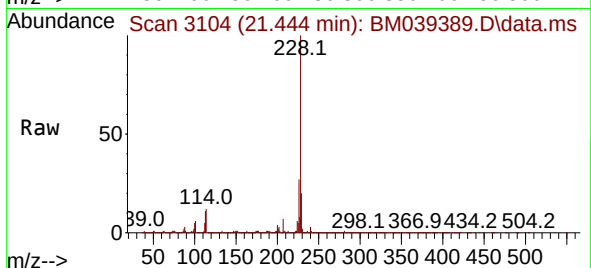
Tgt Ion:228 Resp: 2809266

Ion Ratio Lower Upper

228 100

226 26.6 21.9 32.9

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 39.387 ng

RT: 21.386 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

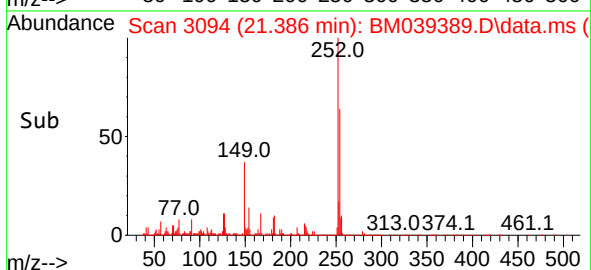
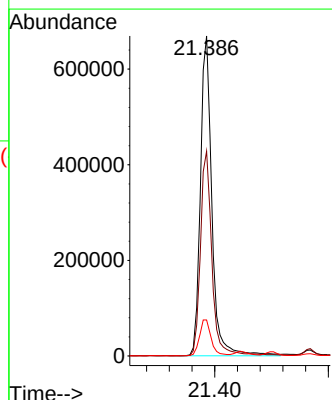
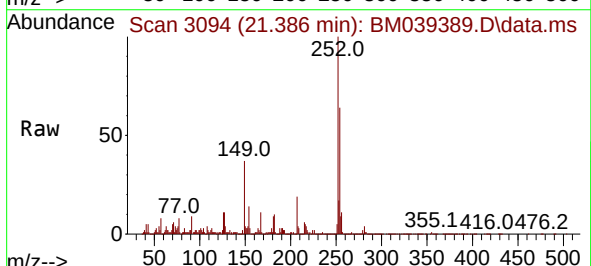
Tgt Ion:252 Resp: 939528

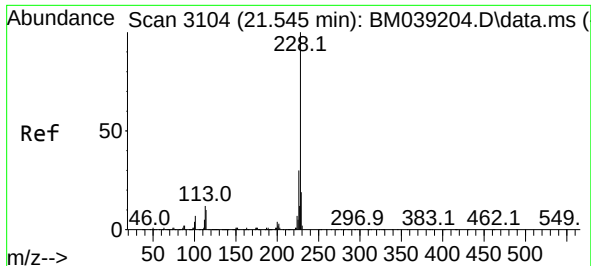
Ion Ratio Lower Upper

252 100

254 64.0 51.8 77.8

126 11.3 10.1 15.1





#83

Chrysene

Concen: 41.299 ng

RT: 21.503 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

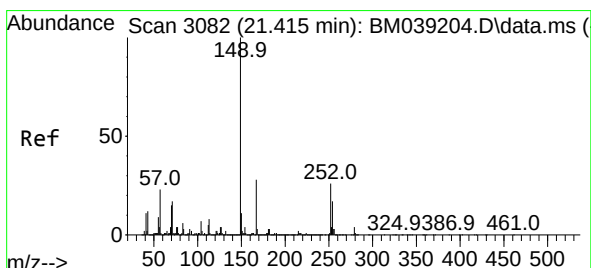
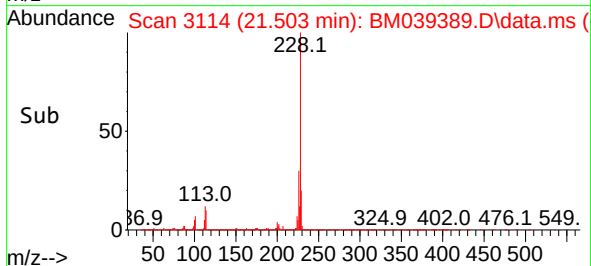
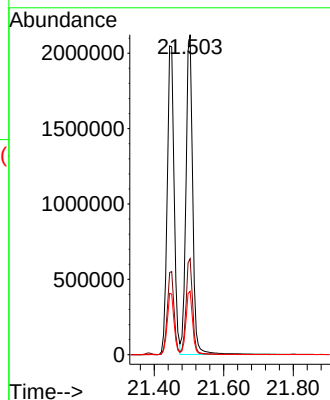
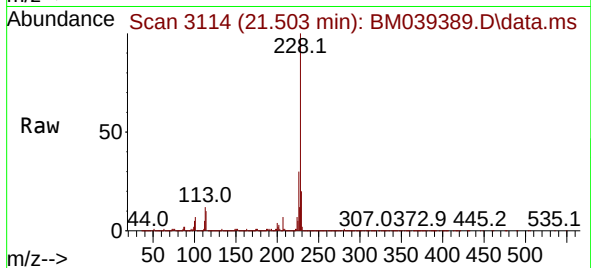
Tgt Ion:228 Resp: 2854809

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.8 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.076 ng

RT: 21.374 min Scan# 3092

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

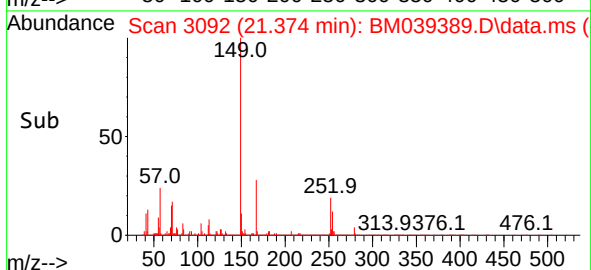
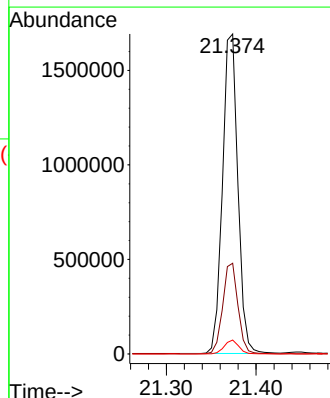
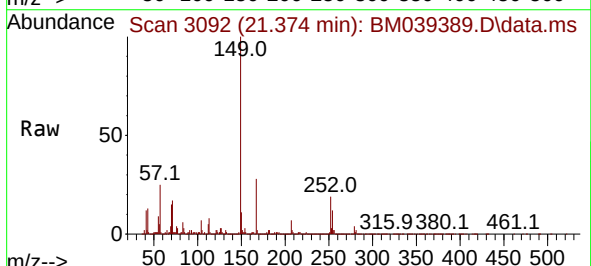
Tgt Ion:149 Resp: 2008822

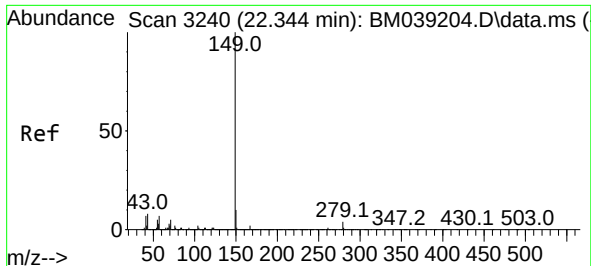
Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

279 4.4 3.4 5.2

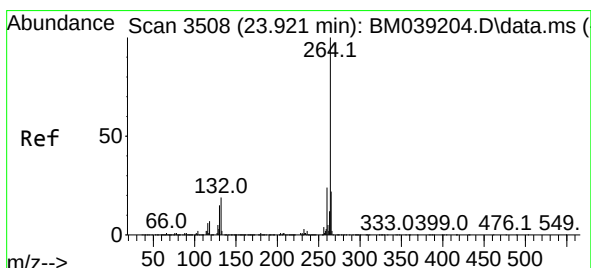
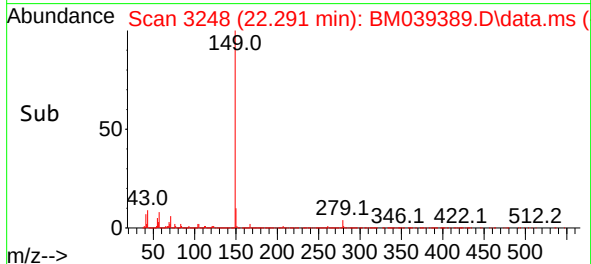
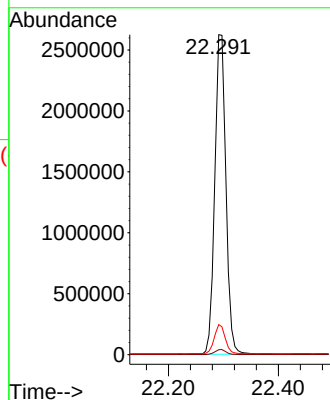
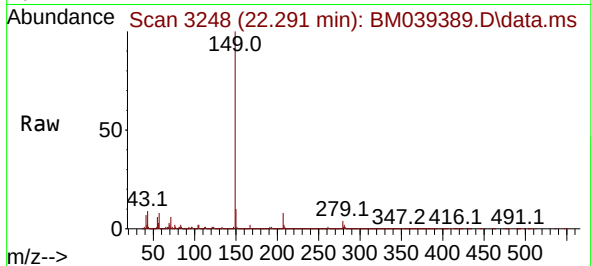




#85
Di-n-octyl phthalate
Concen: 41.869 ng
RT: 22.291 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

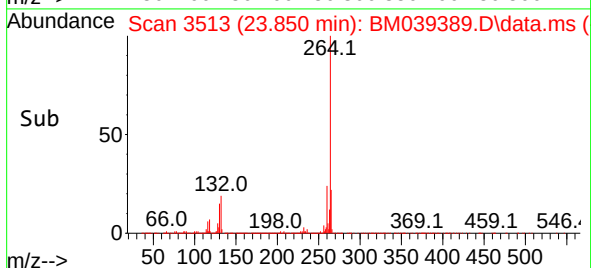
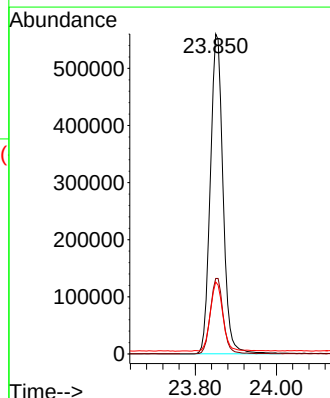
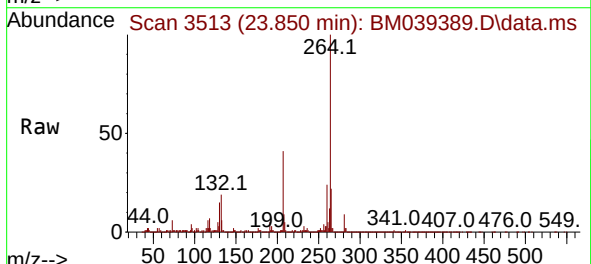
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

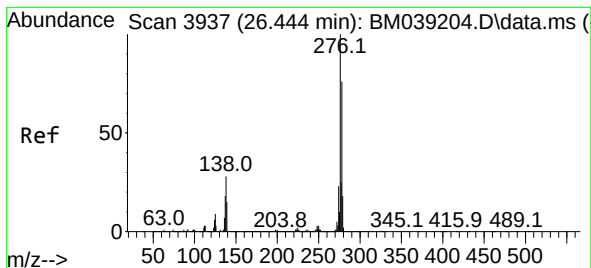
Tgt Ion:149 Resp: 3689097
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.850 min Scan# 3513
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:264 Resp: 1208259
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 22.5 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.924 ng

RT: 26.338 min Scan# 3936

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

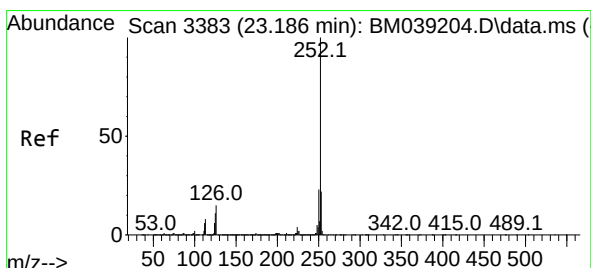
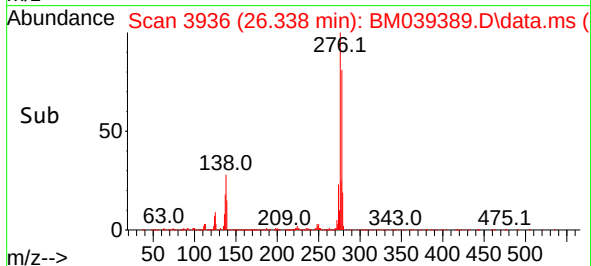
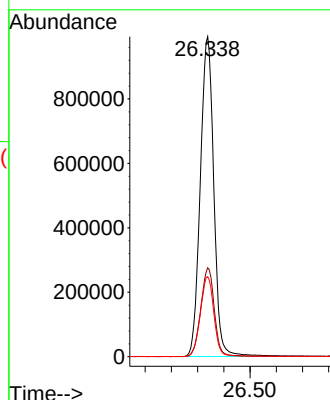
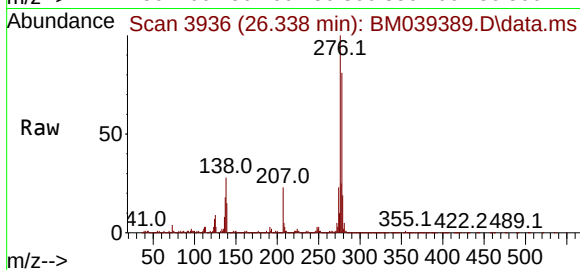
Tgt Ion:276 Resp: 3554174

Ion Ratio Lower Upper

276 100

138 27.8 22.2 33.2

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 39.075 ng

RT: 23.127 min Scan# 3390

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

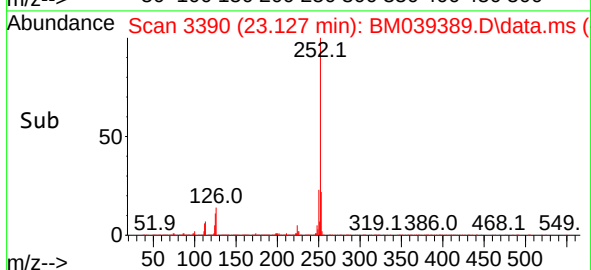
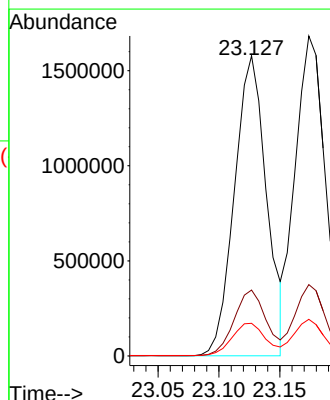
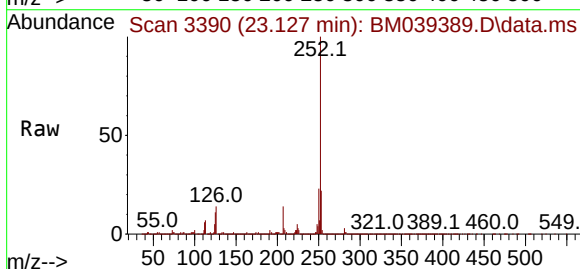
Tgt Ion:252 Resp: 2888871

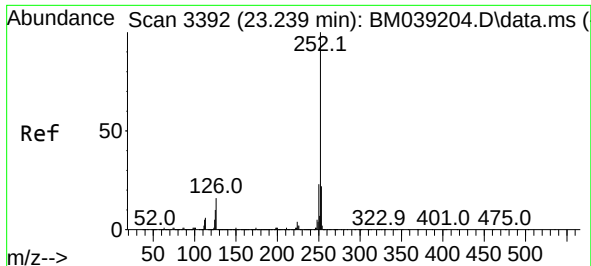
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.8 9.0 13.6

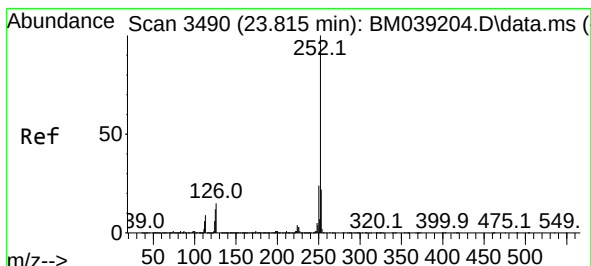
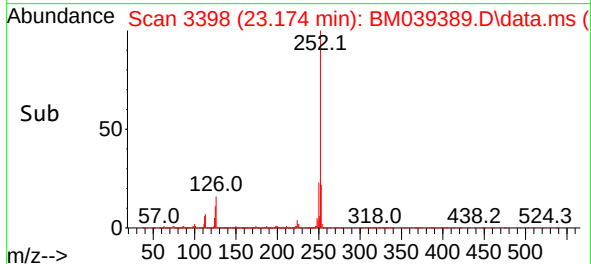
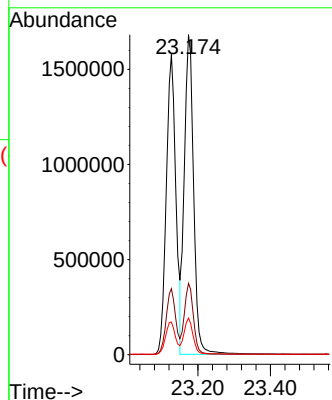
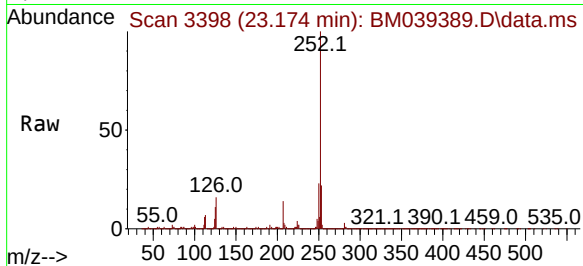




#89
Benzo(k)fluoranthene
Concen: 39.874 ng
RT: 23.174 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

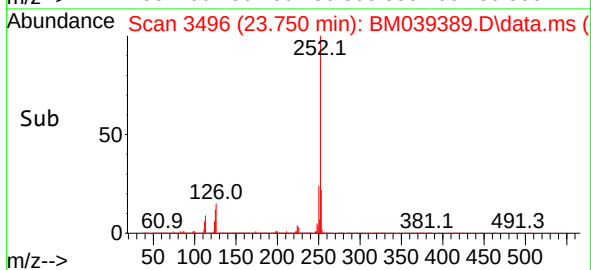
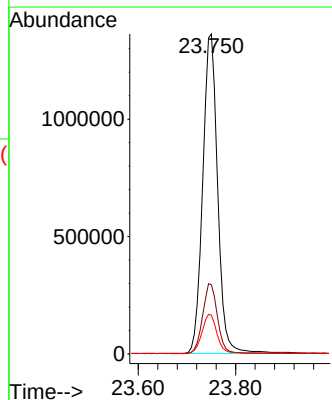
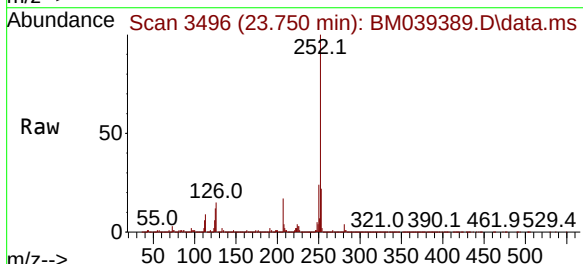
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

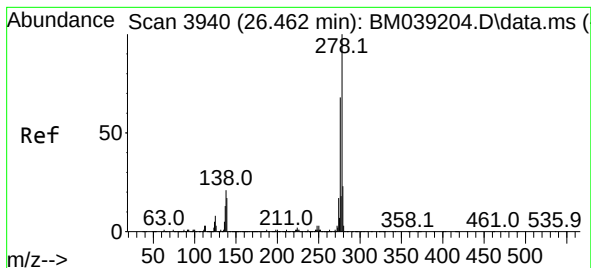
Tgt Ion:252 Resp: 3002713
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.5 8.5 12.7



#90
Benzo(a)pyrene
Concen: 39.888 ng
RT: 23.750 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BM039389.D
Acq: 11 Apr 2023 11:40

Tgt Ion:252 Resp: 2896945
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 12.2 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 39.573 ng

RT: 26.350 min Scan# 3940

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

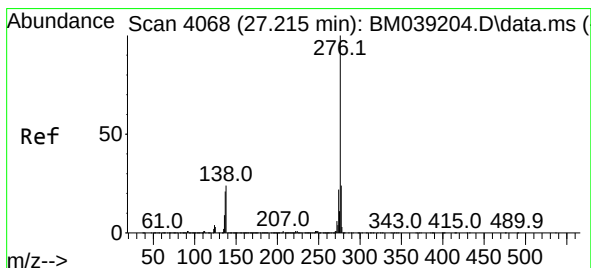
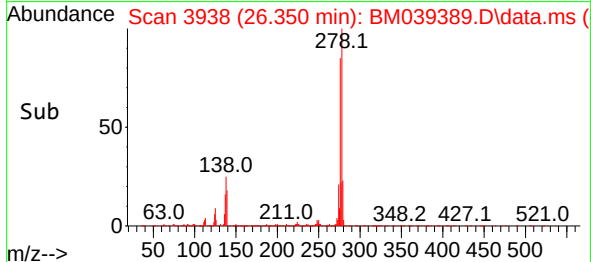
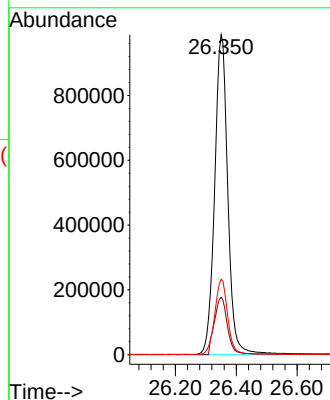
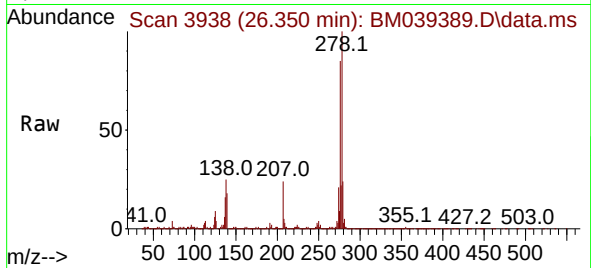
Tgt Ion:278 Resp: 2958193

Ion Ratio Lower Upper

278 100

139 17.9 13.9 20.9

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 40.010 ng

RT: 27.103 min Scan# 4066

Delta R.T. 0.000 min

Lab File: BM039389.D

Acq: 11 Apr 2023 11:40

Tgt Ion:276 Resp: 2941257

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 23.4 19.5 29.3

