

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
 Data File : BM039093.D
 Acq On : 22 Mar 2023 15:33
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 23 04:22:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	372247	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	1437898	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	757507	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1347166	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1082288	20.000	ng	0.00
86) Perylene-d12	23.962	264	1198416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1931478	78.831	ng	0.00
7) Phenol-d6	7.134	99	2493344	78.346	ng	0.00
23) Nitrobenzene-d5	9.139	82	2363157	80.729	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	670009	76.458	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	4608753	79.203	ng	0.00
79) Terphenyl-d14	19.974	244	4739669	80.068	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	412644	37.857	ng	99
3) Pyridine	3.799	79	1136523	37.596	ng	98
4) n-Nitrosodimethylamine	3.710	42	470334	38.234	ng	93
6) Aniline	7.292	93	1595654	38.186	ng	99
8) 2-Chlorophenol	7.528	128	1046499	40.119	ng	99
9) Benzaldehyde	7.104	77	532762	35.179	ng	97
10) Phenol	7.157	94	1311024	38.792	ng	99
11) bis(2-Chloroethyl)ether	7.392	93	1083572	39.435	ng	99
12) 1,3-Dichlorobenzene	7.857	146	1084132	39.109	ng	98
13) 1,4-Dichlorobenzene	8.004	146	1111018	39.408	ng	99
14) 1,2-Dichlorobenzene	8.322	146	1063692	39.168	ng	100
15) Benzyl Alcohol	8.210	79	875373	38.376	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1388630	40.016	ng	99
17) 2-Methylphenol	8.416	107	932717	40.176	ng	99
18) Hexachloroethane	9.051	117	416775	40.067	ng	98
19) n-Nitroso-di-n-propyla...	8.786	70	839338	41.872	ng	99
20) 3+4-Methylphenols	8.745	107	1256217	40.525	ng	99
22) Acetophenone	8.798	105	1578329	39.124	ng	# 98
24) Nitrobenzene	9.181	77	1231023	40.011	ng	99
25) Isophorone	9.710	82	2192302	40.698	ng	100
26) 2-Nitrophenol	9.892	139	560424	41.673	ng	96
27) 2,4-Dimethylphenol	9.951	122	941131	40.097	ng	100
28) bis(2-Chloroethoxy)met...	10.192	93	1363921	39.406	ng	99
29) 2,4-Dichlorophenol	10.428	162	911649	40.968	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	948515	39.006	ng	99
31) Naphthalene	10.833	128	3197767	39.001	ng	99
32) Benzoic acid	10.092	122	708309	41.951	ng	99
33) 4-Chloroaniline	10.945	127	1323658	37.881	ng	100
34) Hexachlorobutadiene	11.116	225	551634	39.558	ng	98
35) Caprolactam	11.739	113	263756	38.944	ng	98
36) 4-Chloro-3-methylphenol	12.063	107	930614	39.273	ng	99
37) 2-Methylnaphthalene	12.439	142	2124352	38.656	ng	99
38) 1-Methylnaphthalene	12.657	142	1987911	38.600	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	975958	39.631	ng	99
41) Hexachlorocyclopentadiene	12.786	237	459914	34.024	ng	100
43) 2,4,6-Trichlorophenol	13.045	196	662252	41.529	ng	99

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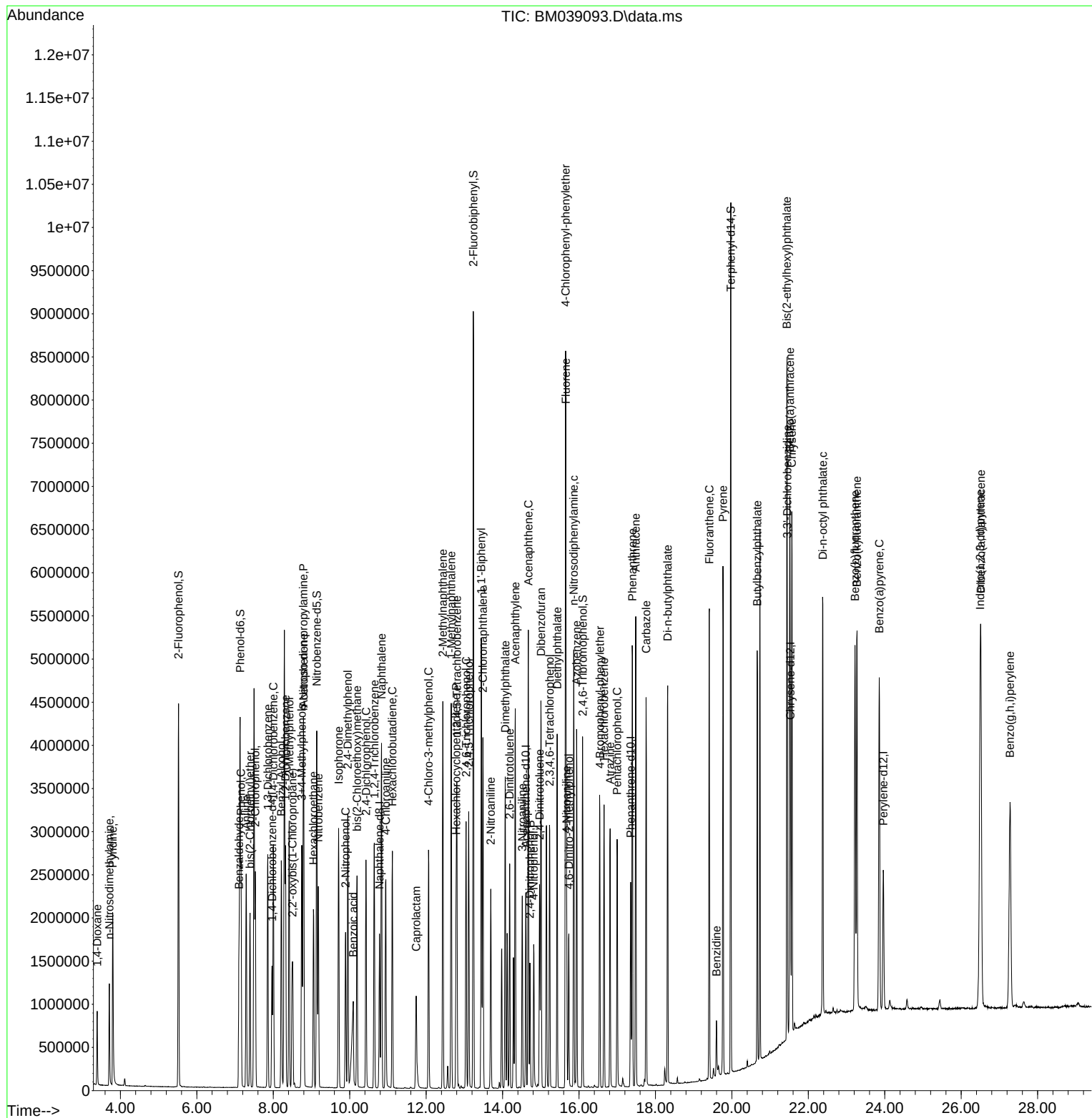
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	766995	41.091	ng	97
46) 1,1'-Biphenyl	13.445	154	2538079	39.550	ng	99
47) 2-Chloronaphthalene	13.486	162	1925231	39.784	ng	99
48) 2-Nitroaniline	13.692	65	599624	39.130	ng	94
49) Acenaphthylene	14.333	152	3068456	39.808	ng	100
50) Dimethylphthalate	14.069	163	2241672	38.458	ng	100
51) 2,6-Dinitrotoluene	14.186	165	488506	38.209	ng	99
52) Acenaphthene	14.674	154	1835123	38.739	ng	99
53) 3-Nitroaniline	14.516	138	546919	36.680	ng	97
54) 2,4-Dinitrophenol	14.716	184	273658	39.728	ng	97
55) Dibenzofuran	15.004	168	2827291	38.140	ng	99
56) 4-Nitrophenol	14.816	139	428107	36.981	ng	100
57) 2,4-Dinitrotoluene	14.968	165	628118	37.498	ng	97
58) Fluorene	15.657	166	2208192	38.028	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	561508	39.006	ng	99
60) Diethylphthalate	15.427	149	2158614	38.060	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1081451	37.910	ng	99
62) 4-Nitroaniline	15.674	138	543942	35.919	ng	99
63) Azobenzene	15.939	77	2310642	38.503	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	357381	41.176	ng	93
66) n-Nitrosodiphenylamine	15.863	169	1845858	40.644	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	600855	41.293	ng	99
68) Hexachlorobenzene	16.657	284	642400	39.492	ng	99
69) Atrazine	16.815	200	510113	41.121	ng	99
70) Pentachlorophenol	16.998	266	477142	39.882	ng	99
71) Phenanthrene	17.392	178	3072597	38.861	ng	100
72) Anthracene	17.486	178	3122002	39.595	ng	100
73) Carbazole	17.756	167	2796330	38.858	ng	99
74) Di-n-butylphthalate	18.321	149	3291729	37.897	ng	99
75) Fluoranthene	19.409	202	3167473	37.942	ng	99
77) Benzidine	19.598	184	464674	21.798	ng	98
78) Pyrene	19.768	202	3338944	41.075	ng	100
80) Butylbenzylphthalate	20.662	149	1396585	40.930	ng	98
81) Benzo(a)anthracene	21.515	228	3094000	39.697	ng	99
82) 3,3'-Dichlorobenzidine	21.450	252	1006526	42.019	ng	99
83) Chrysene	21.568	228	2974320	39.237	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1991945	40.280	ng	100
85) Di-n-octyl phthalate	22.380	149	3432495	41.911	ng	99
87) Indeno(1,2,3-cd)pyrene	26.497	276	3695576	40.526	ng	99
88) Benzo(b)fluoranthene	23.221	252	2974515	38.851	ng	100
89) Benzo(k)fluoranthene	23.274	252	3078126	38.632	ng	99
90) Benzo(a)pyrene	23.856	252	2959784	40.168	ng	99
91) Dibenzo(a,h)anthracene	26.515	278	3108197	40.247	ng	98
92) Benzo(g,h,i)perylene	27.279	276	3064635	40.561	ng	100

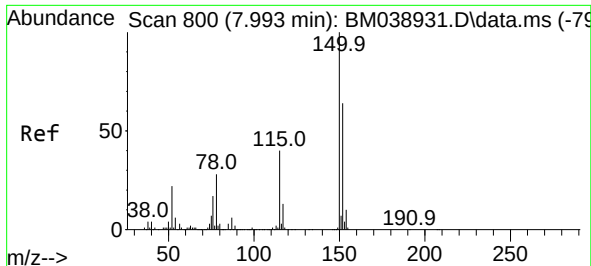
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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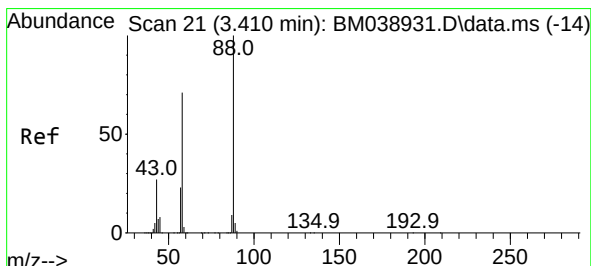
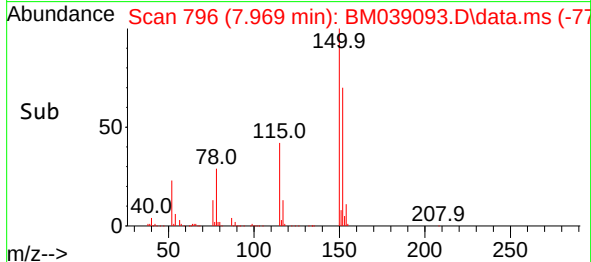
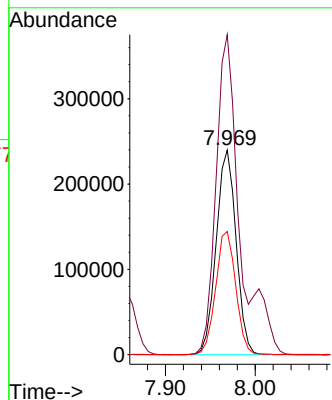
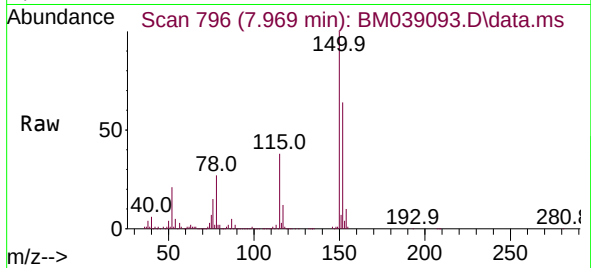




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 79
Delta R.T. -0.000 min
Lab File: BM039093.D
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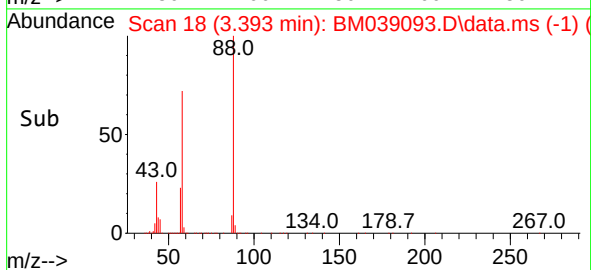
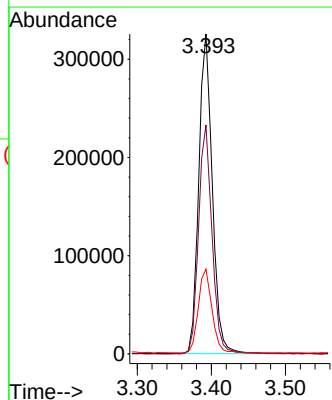
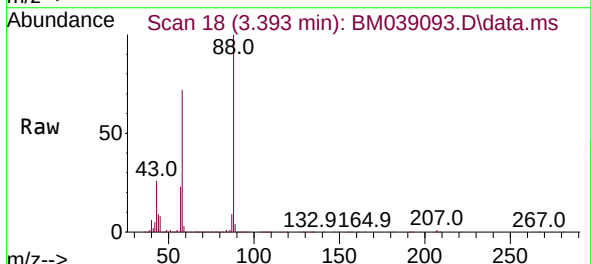
Instrument :
BNA_M
ClientSampleId :
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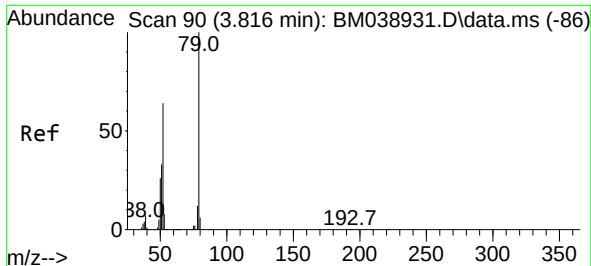
Tgt Ion:152 Resp: 372247
Ion Ratio Lower Upper
152 100
150 156.4 125.1 187.7
115 60.2 49.6 74.4



#2
1,4-Dioxane
Concen: 37.857 ng
RT: 3.393 min Scan# 18
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion: 88 Resp: 412644
Ion Ratio Lower Upper
88 100
58 71.6 57.2 85.8
43 26.5 22.0 33.0

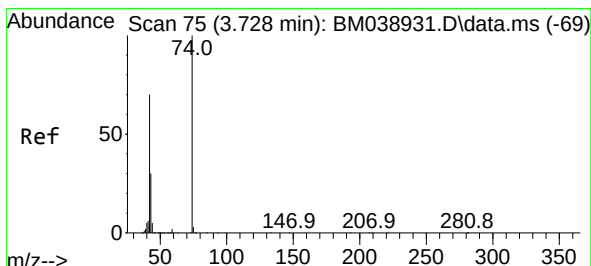
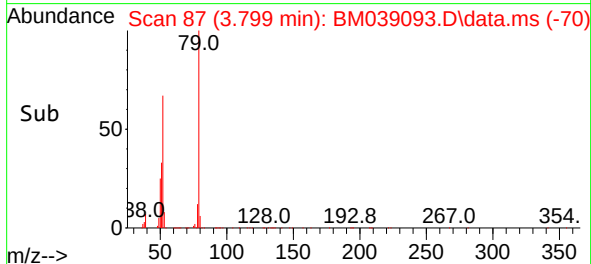
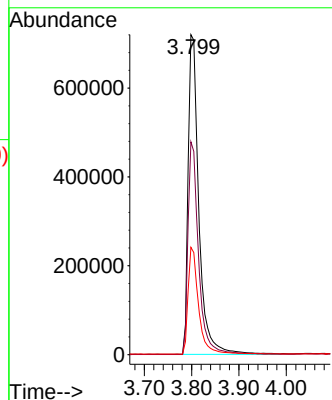
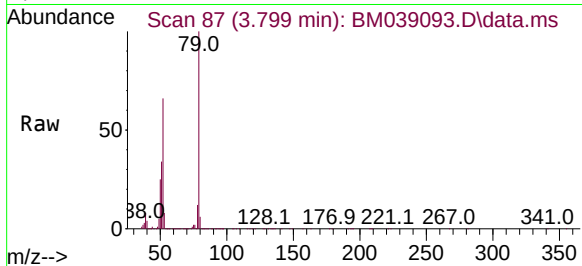




#3
Pyridine
Concen: 37.596 ng
RT: 3.799 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

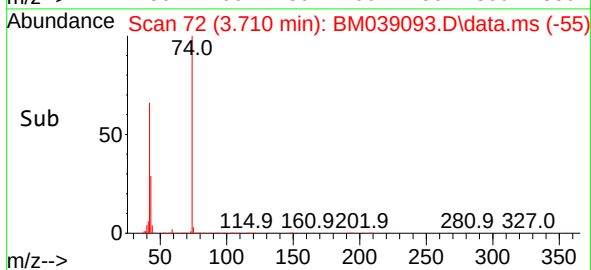
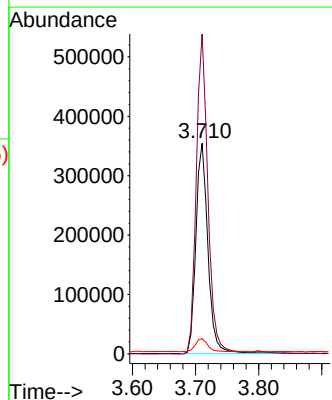
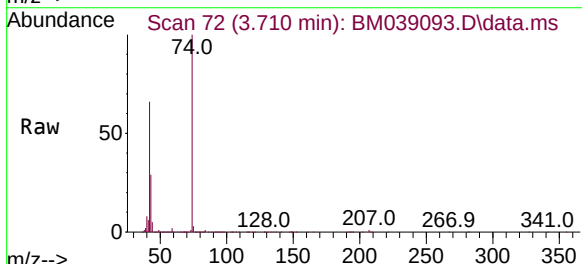
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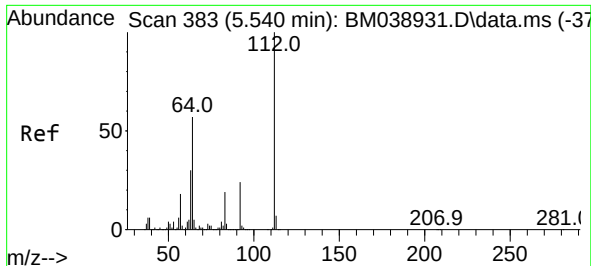
Tgt Ion: 79 Resp: 1136523
Ion Ratio Lower Upper
79 100
52 66.5 51.4 77.2
51 33.5 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 38.234 ng
RT: 3.710 min Scan# 72
Delta R.T. 0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion: 42 Resp: 470334
Ion Ratio Lower Upper
42 100
74 151.9 113.8 170.8
44 7.3 6.2 9.2

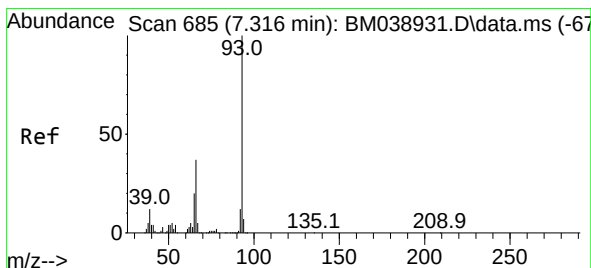
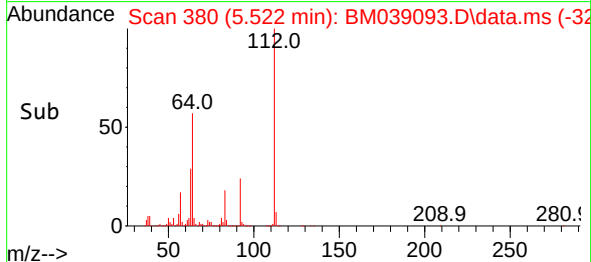
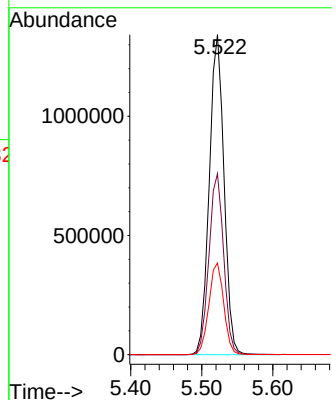
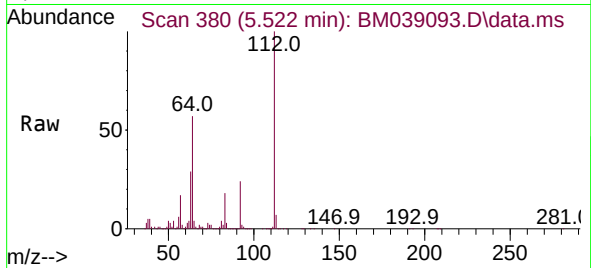




#5
2-Fluorophenol
Concen: 78.831 ng
RT: 5.522 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

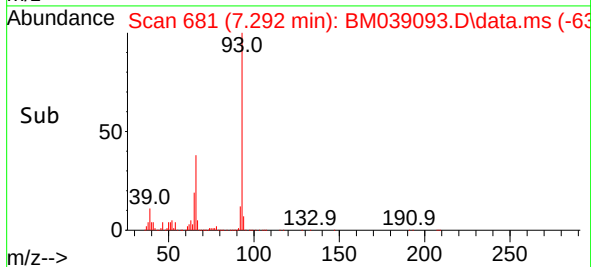
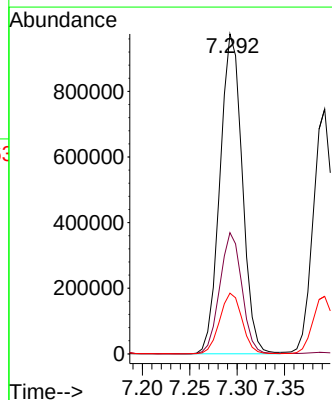
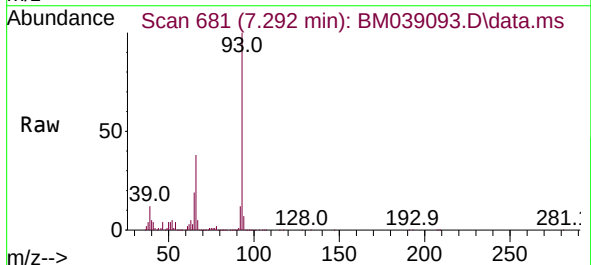
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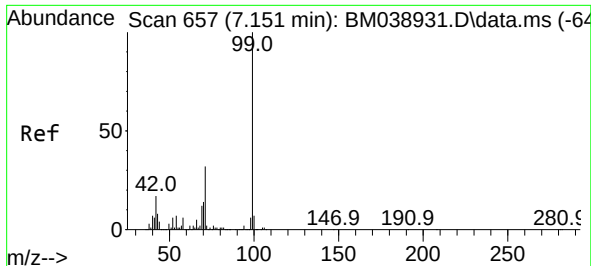
Tgt Ion:112 Resp: 1931478
Ion Ratio Lower Upper
112 100
64 56.5 45.9 68.9
63 28.6 23.8 35.8



#6
Aniline
Concen: 38.186 ng
RT: 7.292 min Scan# 681
Delta R.T. -0.000 min
Lab File: BM039093.D
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Tgt Ion: 93 Resp: 1595654
Ion Ratio Lower Upper
93 100
66 37.9 30.0 45.0
65 19.0 15.8 23.6

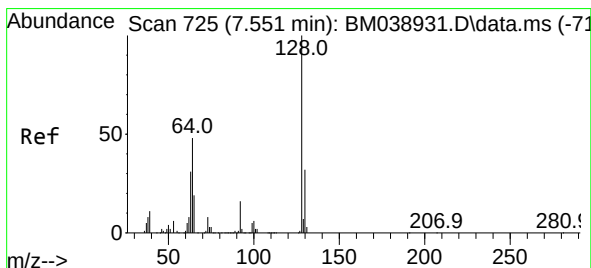
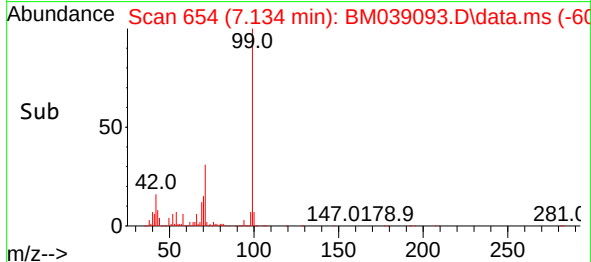
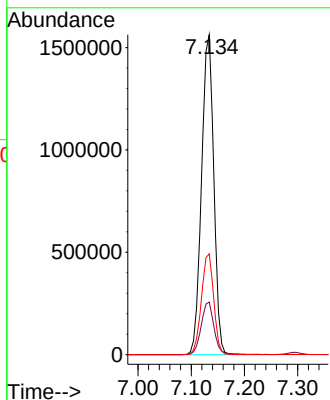
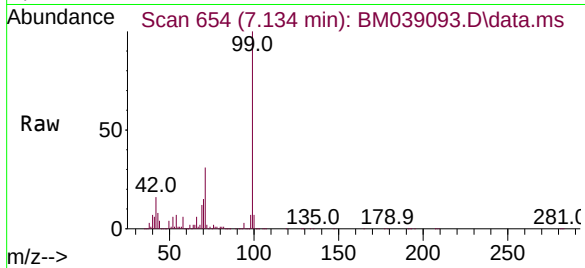




#7
Phenol-d6
Concen: 78.346 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

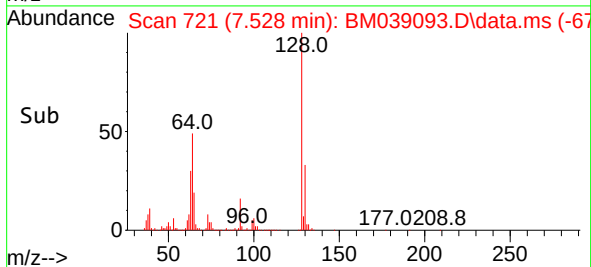
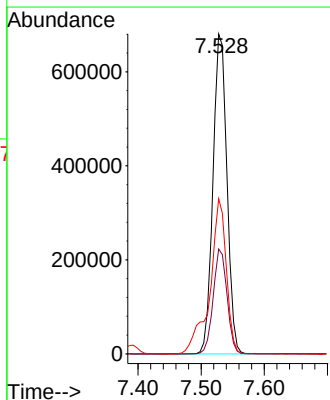
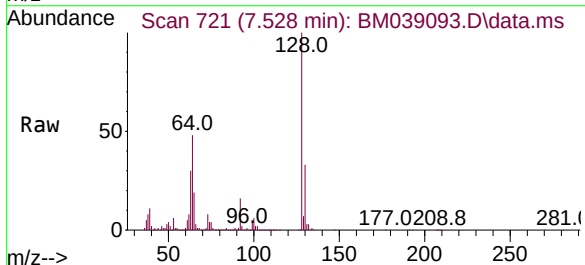
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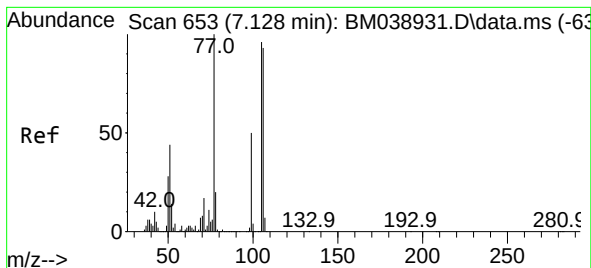
Tgt Ion: 99 Resp: 2493344
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 31.5 25.6 38.4



#8
2-Chlorophenol
Concen: 40.119 ng
RT: 7.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion: 128 Resp: 1046499
Ion Ratio Lower Upper
128 100
130 32.8 11.9 51.9
64 48.5 28.6 68.6





#9

Benzaldehyde

Concen: 35.179 ng

RT: 7.104 min Scan# 64

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

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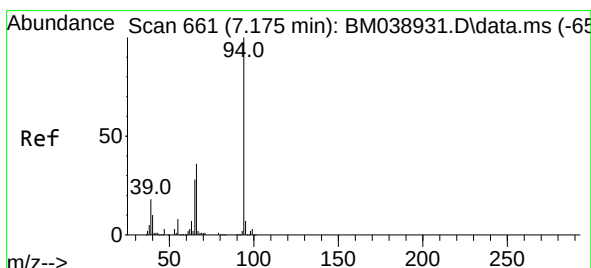
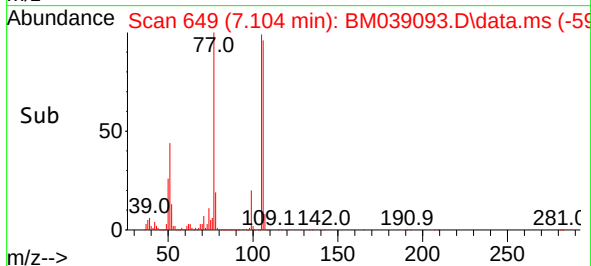
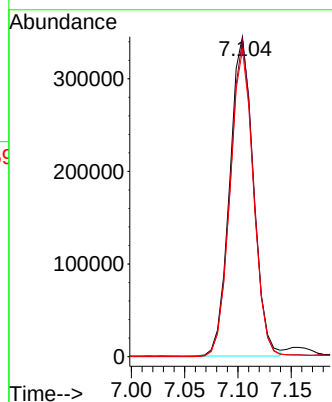
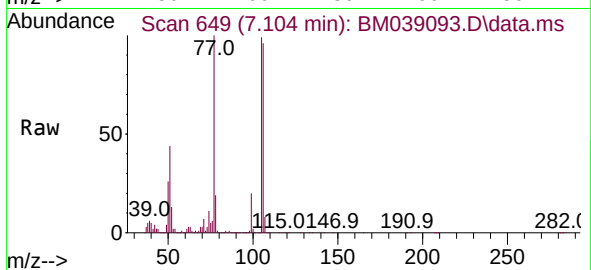
Tgt Ion: 77 Resp: 532762

Ion Ratio Lower Upper

77 100

105 99.1 75.8 115.8

106 95.9 72.6 112.6



#10

Phenol

Concen: 38.792 ng

RT: 7.157 min Scan# 658

Delta R.T. -0.000 min

Lab File: BM039093.D

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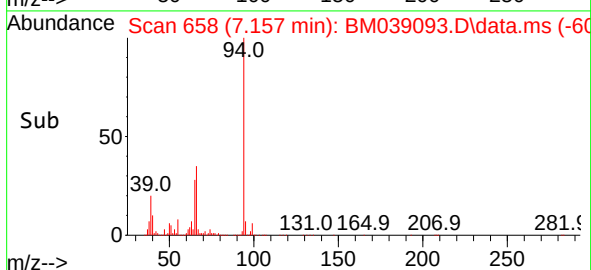
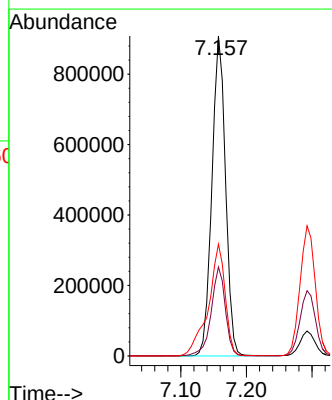
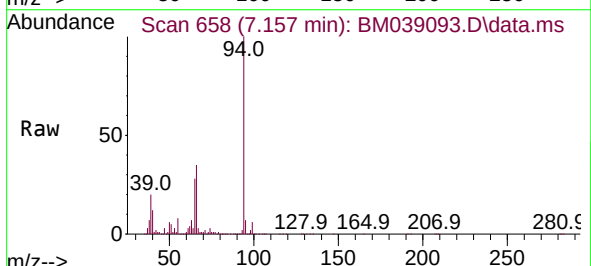
Tgt Ion: 94 Resp: 1311024

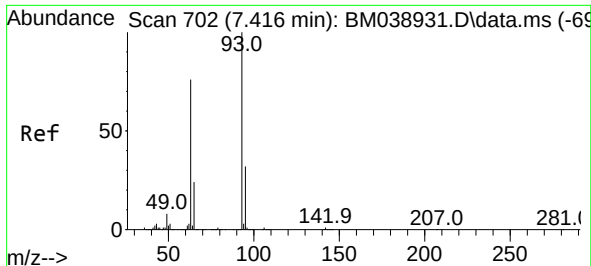
Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 34.9 15.8 55.8



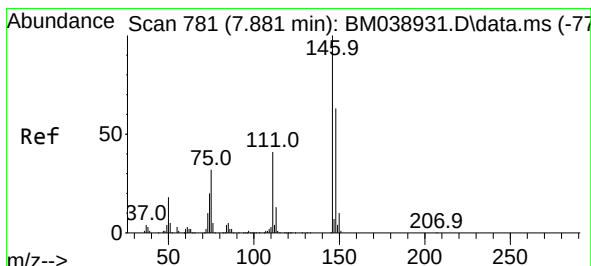
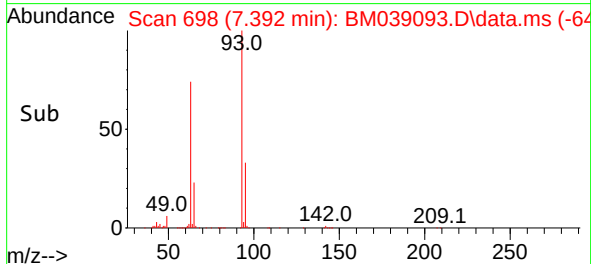
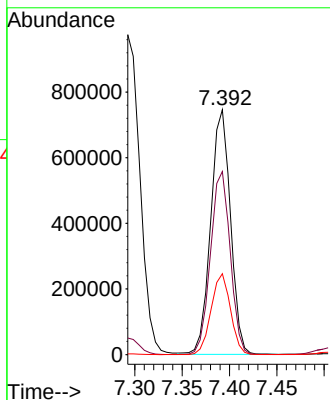
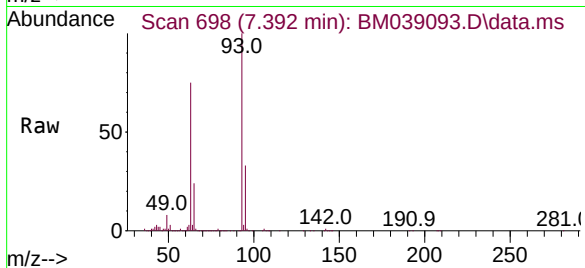


#11
bis(2-Chloroethyl)ether
Concen: 39.435 ng
RT: 7.392 min Scan# 69
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1083572

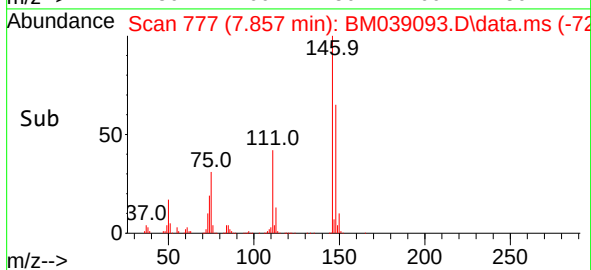
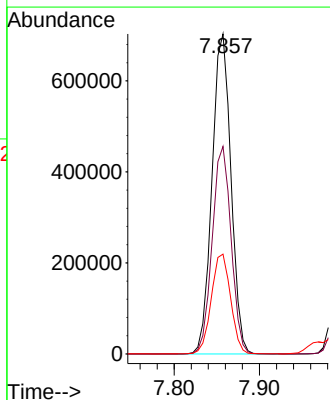
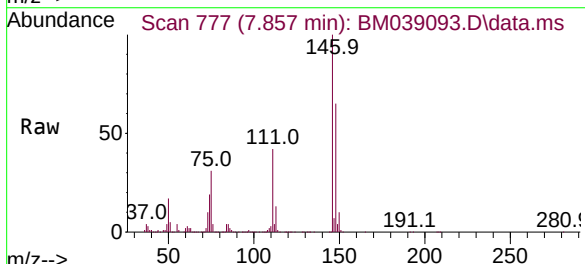
Ion	Ratio	Lower	Upper
93	100		
63	74.8	55.8	95.8
95	33.1	12.2	52.2

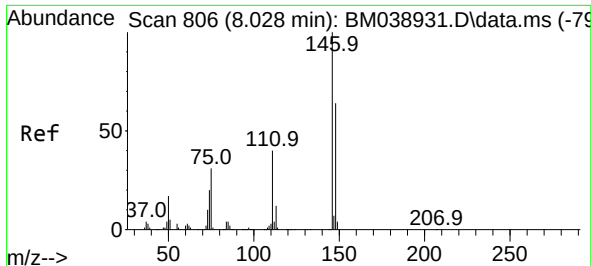


#12
1,3-Dichlorobenzene
Concen: 39.109 ng
RT: 7.857 min Scan# 777
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion: 146 Resp: 1084132

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
75	31.2	26.0	39.0

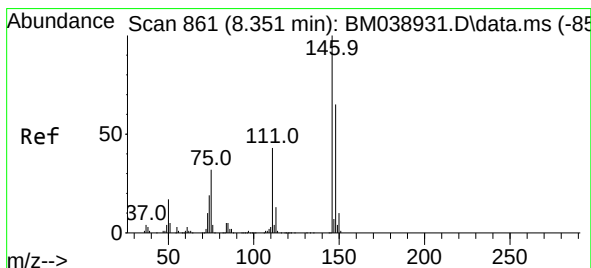
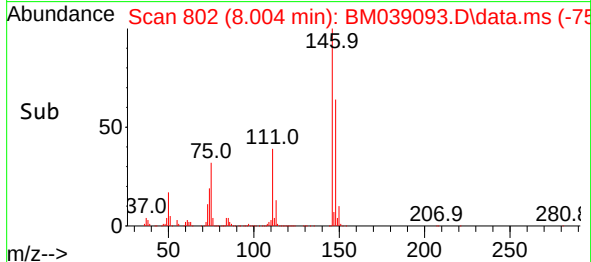
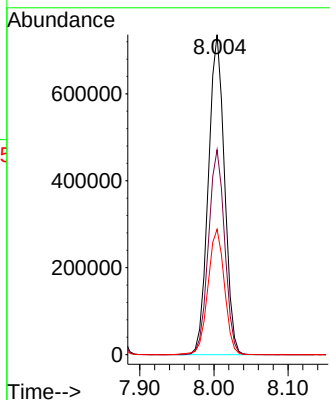
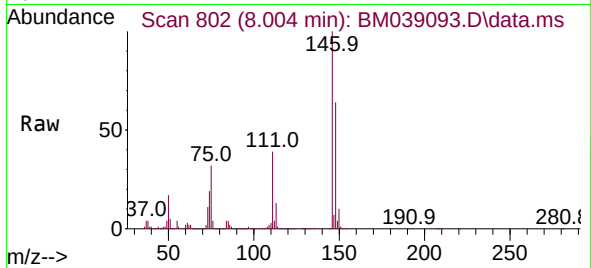




#13
1,4-Dichlorobenzene
Concen: 39.408 ng
RT: 8.004 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

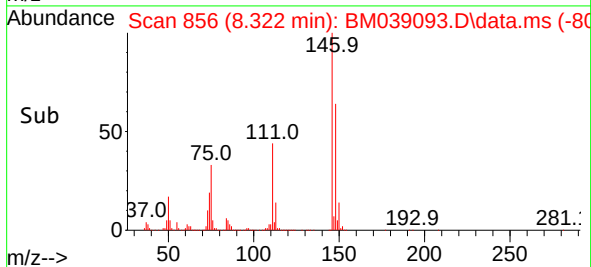
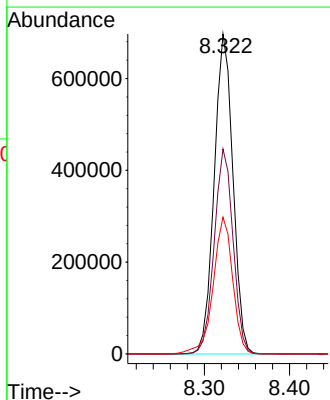
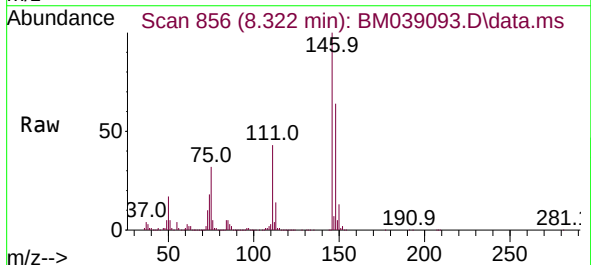
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

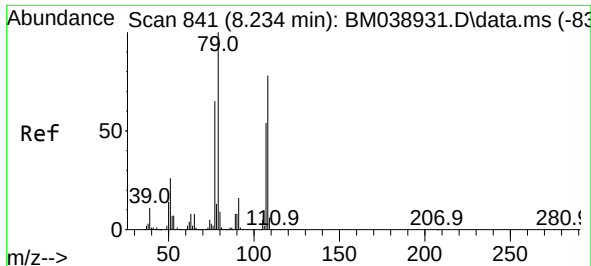
Tgt Ion:146 Resp: 1111018
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
111 39.2 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 39.168 ng
RT: 8.322 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:146 Resp: 1063692
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
111 42.7 34.2 51.4

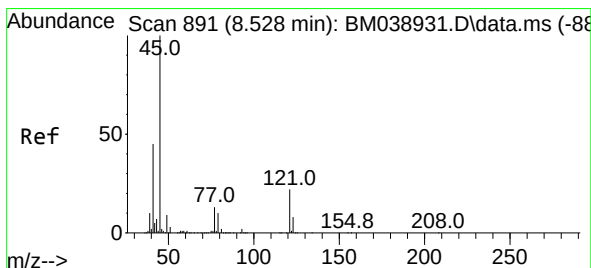
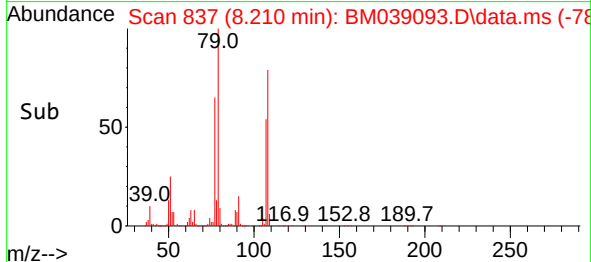
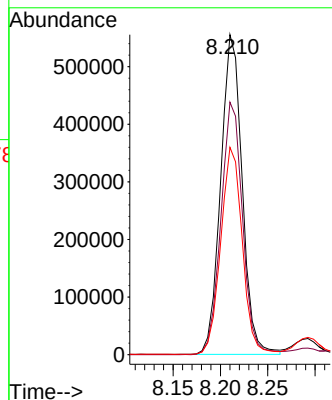
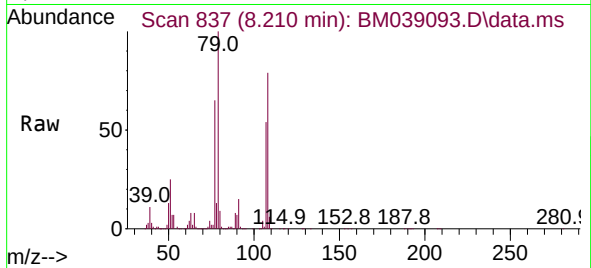




#15
Benzyl Alcohol
Concen: 38.376 ng
RT: 8.210 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

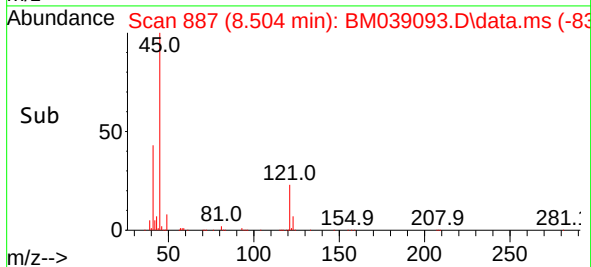
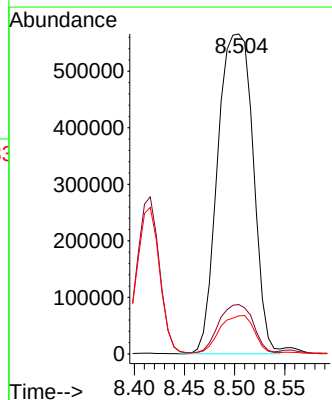
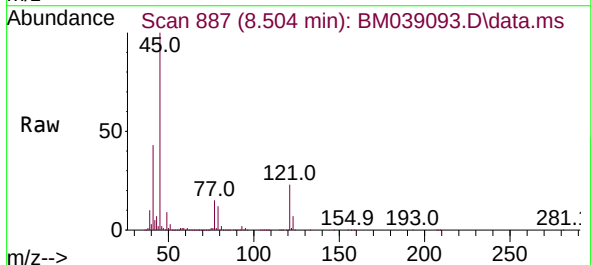
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

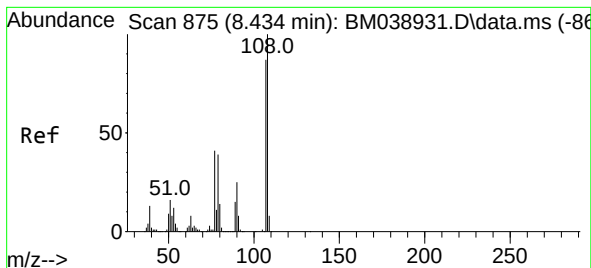
Tgt Ion: 79 Resp: 875373
Ion Ratio Lower Upper
79 100
108 78.9 62.4 93.6
77 64.8 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.016 ng
RT: 8.504 min Scan# 887
Delta R.T. 0.006 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion: 45 Resp: 1388630
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.8
79 11.9 0.0 31.5

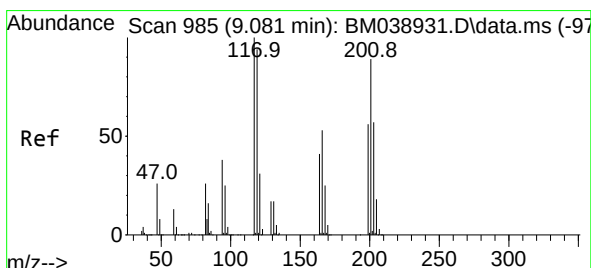
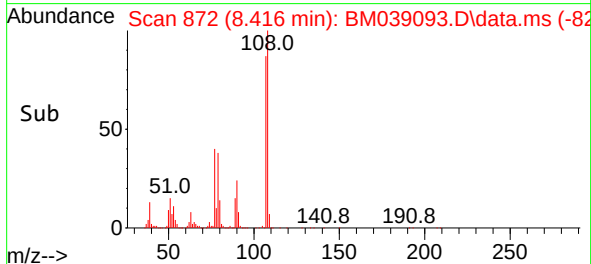
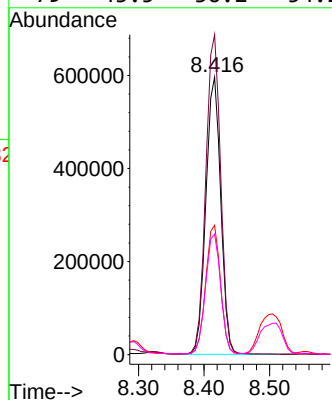
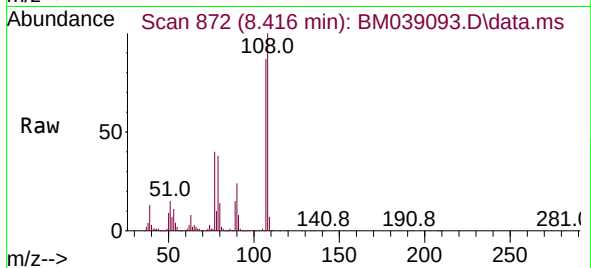




#17
2-Methylphenol
Concen: 40.176 ng
RT: 8.416 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

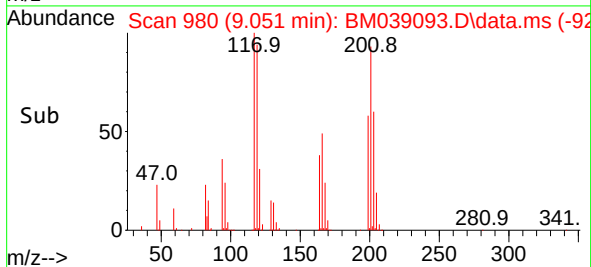
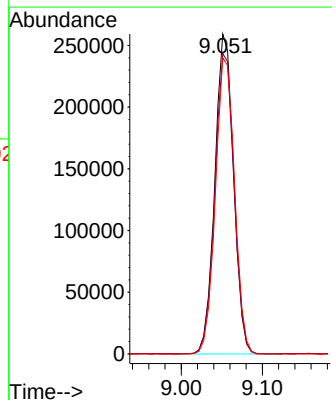
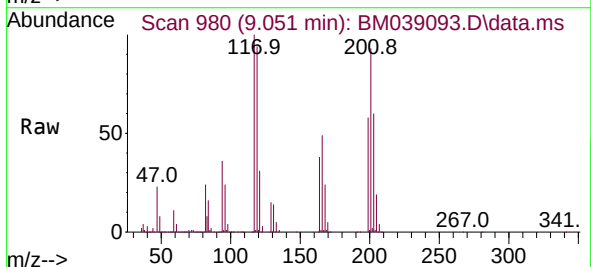
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

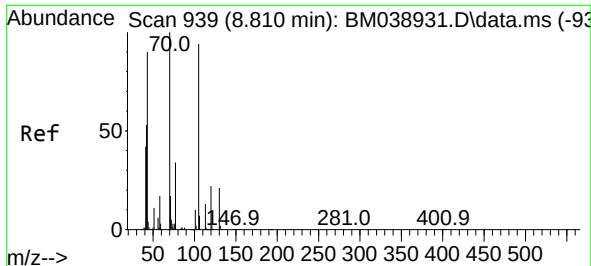
Tgt Ion:107 Resp: 932717
Ion Ratio Lower Upper
107 100
108 115.4 91.7 137.5
77 46.6 37.4 56.2
79 43.5 36.2 54.2



#18
Hexachloroethane
Concen: 40.067 ng
RT: 9.051 min Scan# 980
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:117 Resp: 416775
Ion Ratio Lower Upper
117 100
119 93.9 75.4 113.0
201 92.5 71.3 106.9



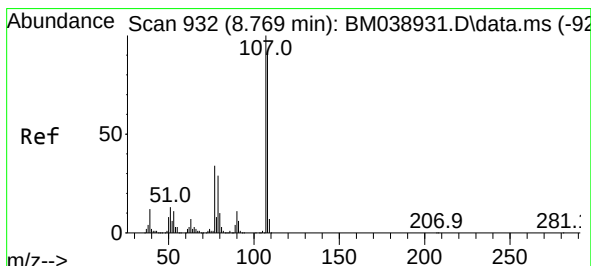
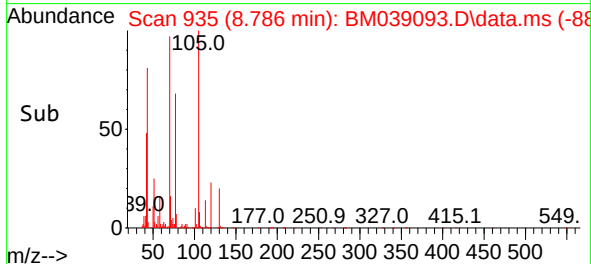
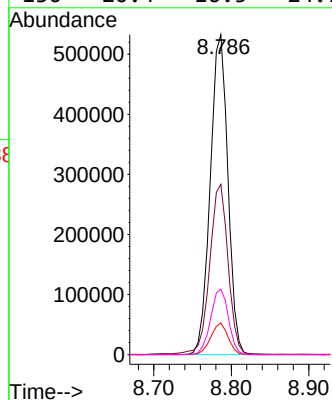
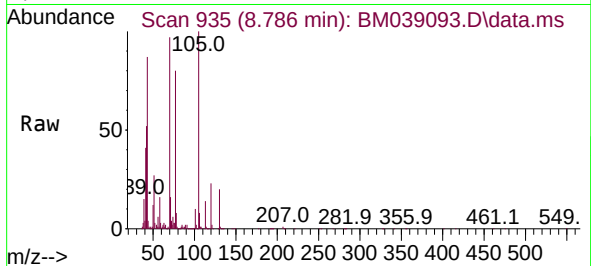


#19
n-Nitroso-di-n-propylamine
Concen: 41.872 ng
RT: 8.786 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 839338

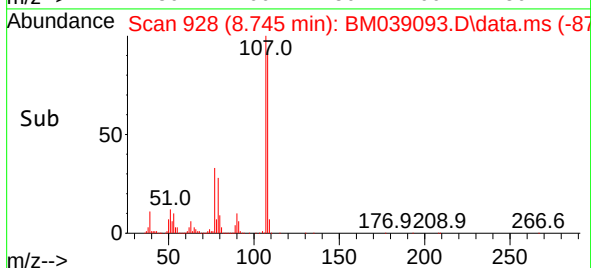
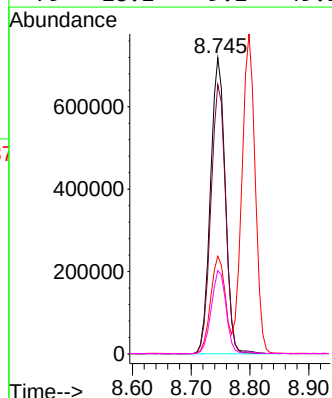
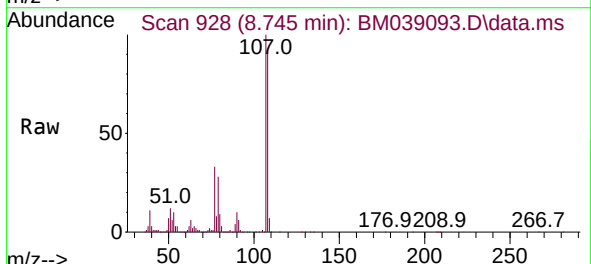
Ion	Ratio	Lower	Upper
70	100		
42	53.3	43.4	65.2
101	9.9	7.6	11.4
130	20.4	16.5	24.7

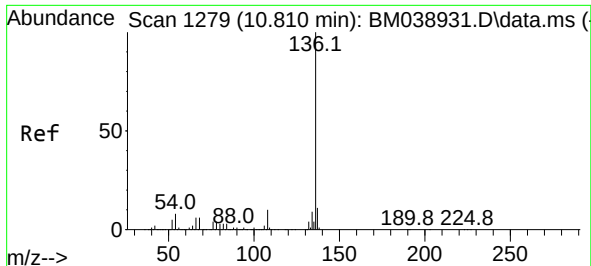


#20
3+4-Methylphenols
Concen: 40.525 ng
RT: 8.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion: 107 Resp: 1256217

Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.8	111.8
77	33.0	13.6	53.6
79	28.2	9.2	49.2

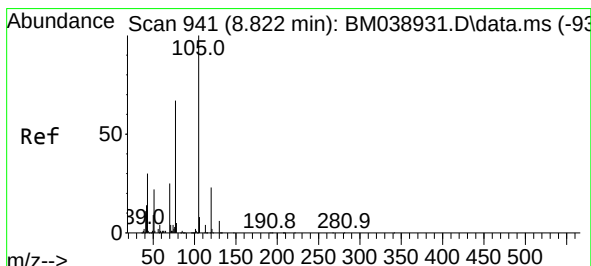
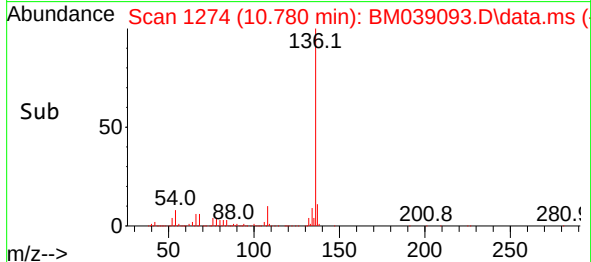
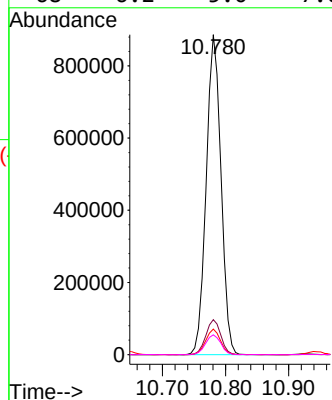
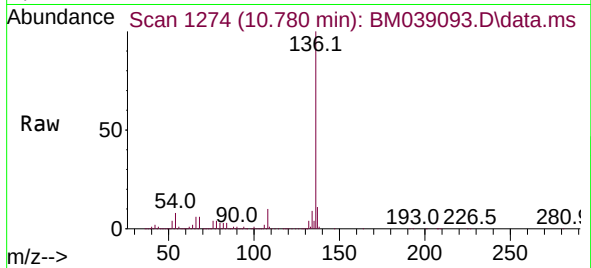




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

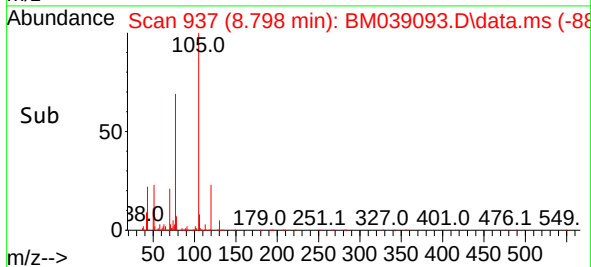
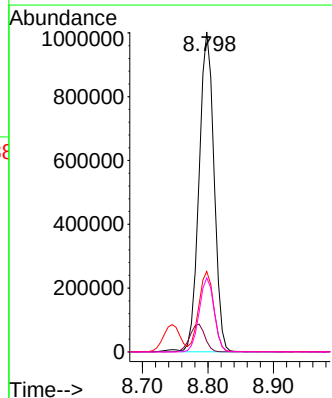
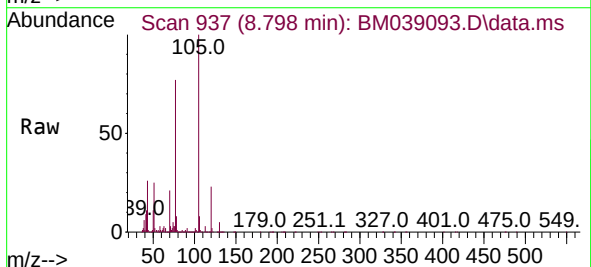
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

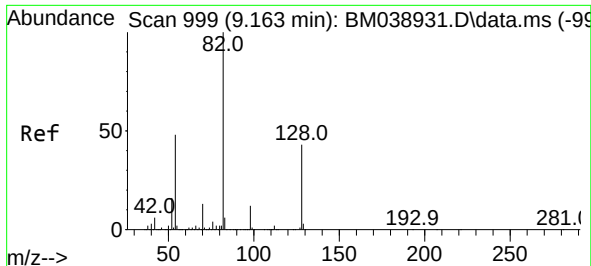
Tgt Ion:136 Resp: 1437898
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.0 6.3 9.5
68 6.2 5.0 7.6



#22
Acetophenone
Concen: 39.124 ng
RT: 8.798 min Scan# 937
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:105 Resp: 1578329
Ion Ratio Lower Upper
105 100
71 3.3 3.4 5.0#
51 25.1 21.0 31.4
120 23.1 18.1 27.1

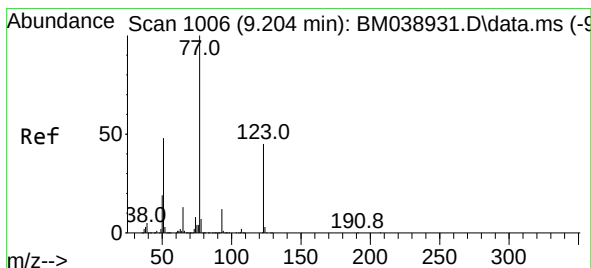
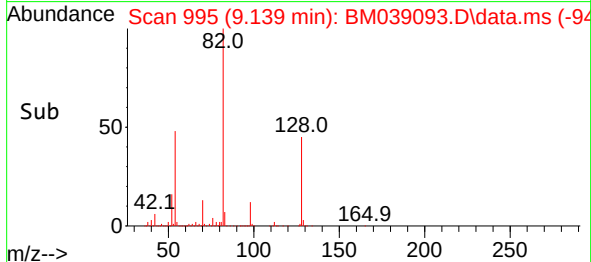
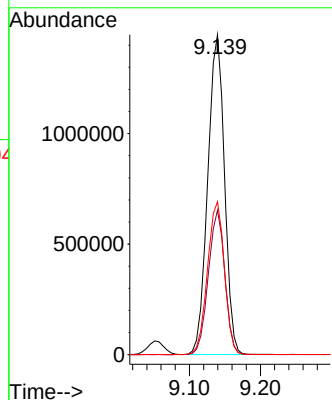
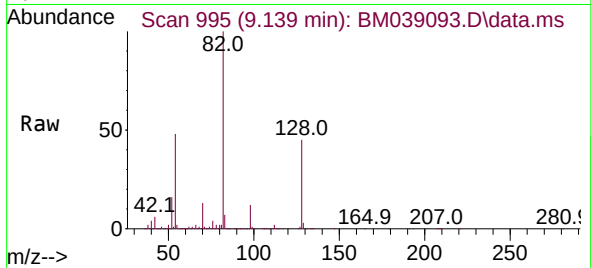




#23
Nitrobenzene-d5
Concen: 80.729 ng
RT: 9.139 min Scan# 999
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

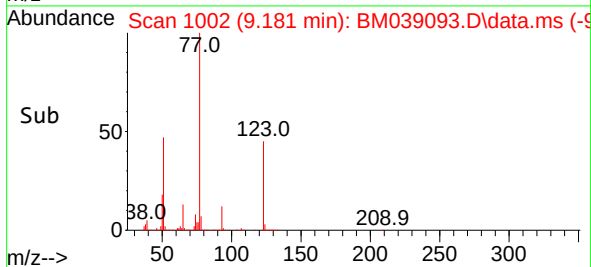
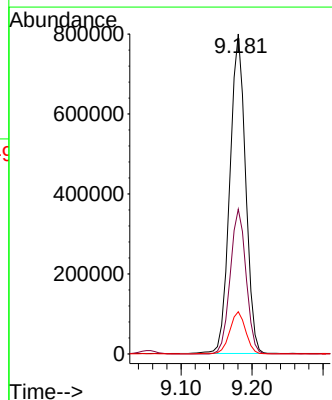
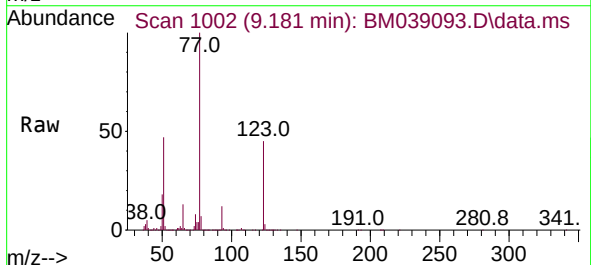
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

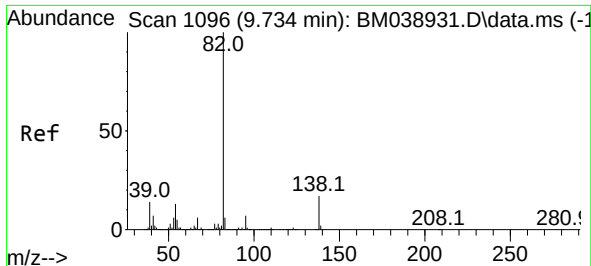
Tgt Ion: 82 Resp: 2363157
Ion Ratio Lower Upper
82 100
128 45.1 34.4 51.6
54 47.8 38.8 58.2



#24
Nitrobenzene
Concen: 40.011 ng
RT: 9.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion: 77 Resp: 1231023
Ion Ratio Lower Upper
77 100
123 45.3 35.8 53.6
65 13.2 10.2 15.4

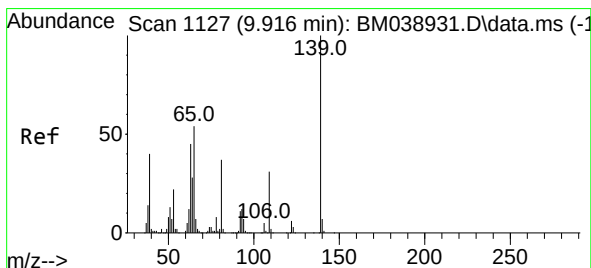
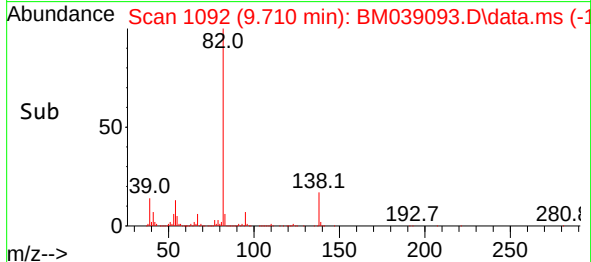
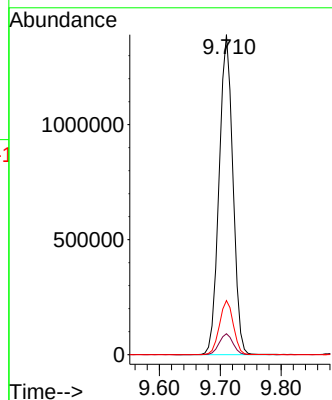
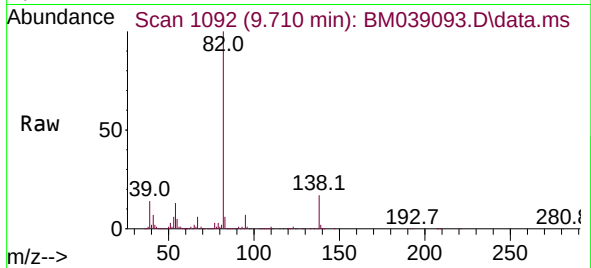




#25
Isophorone
Concen: 40.698 ng
RT: 9.710 min Scan# 1096
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

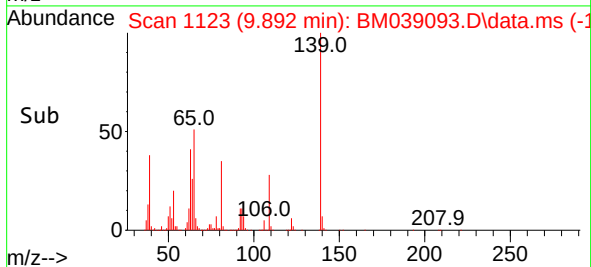
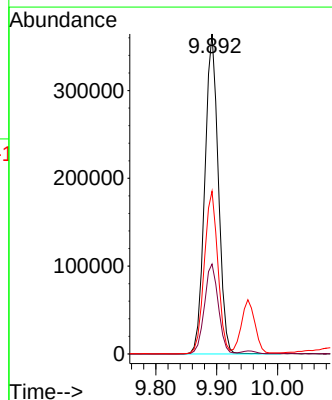
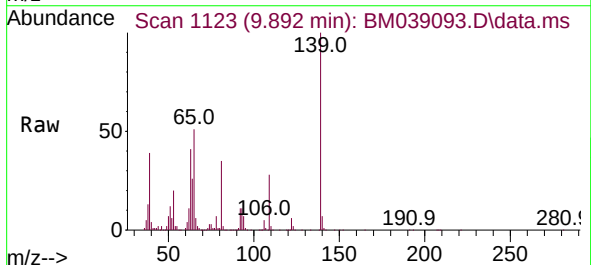
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

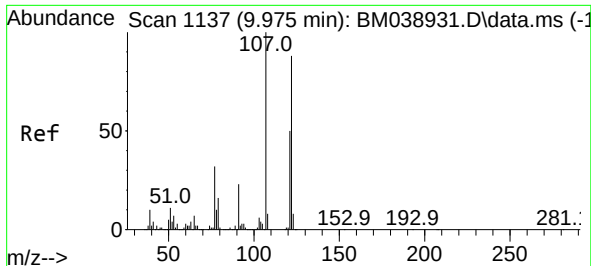
Tgt Ion: 82 Resp: 2192302
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.9 13.6 20.4



#26
2-Nitrophenol
Concen: 41.673 ng
RT: 9.892 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:139 Resp: 560424
Ion Ratio Lower Upper
139 100
109 28.1 24.5 36.7
65 50.8 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 40.097 ng

RT: 9.951 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

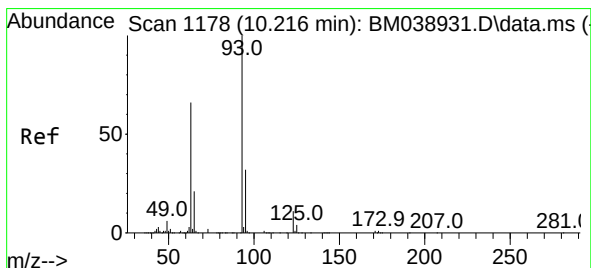
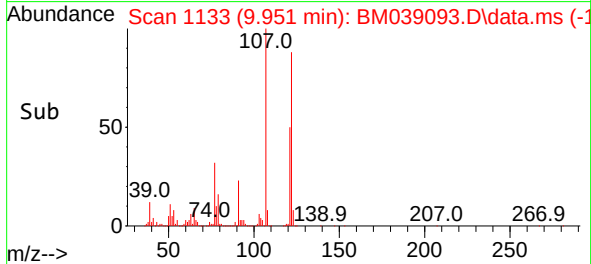
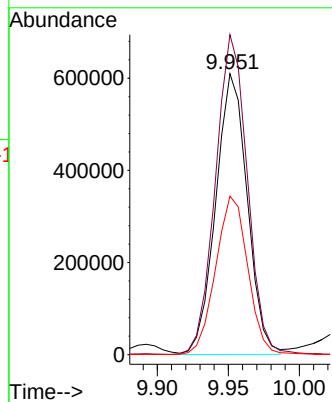
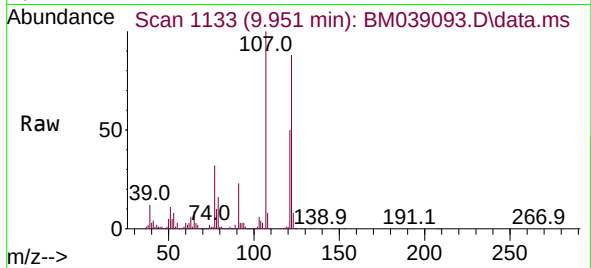
Tgt Ion:122 Resp: 941131

Ion Ratio Lower Upper

122 100

107 113.9 91.0 136.4

121 56.4 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 39.406 ng

RT: 10.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

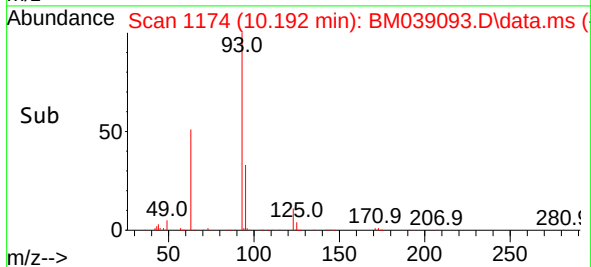
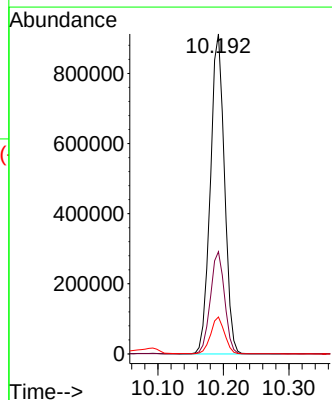
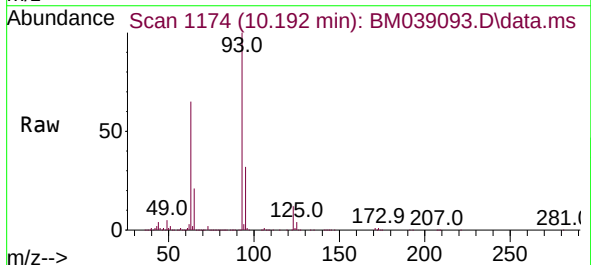
Tgt Ion: 93 Resp: 1363921

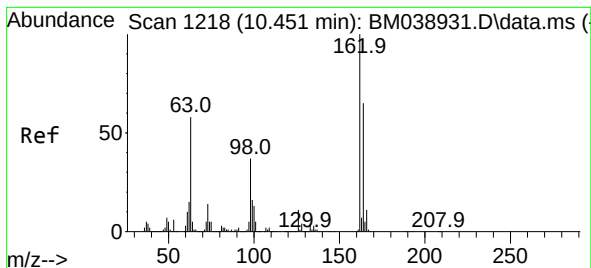
Ion Ratio Lower Upper

93 100

95 31.9 25.9 38.9

123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 40.968 ng

RT: 10.428 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

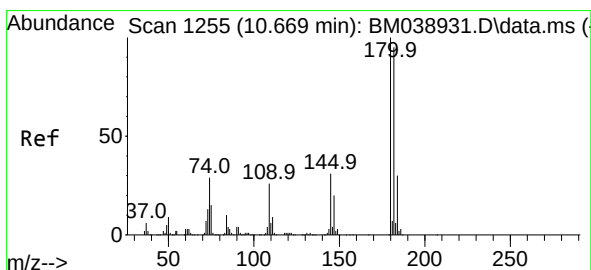
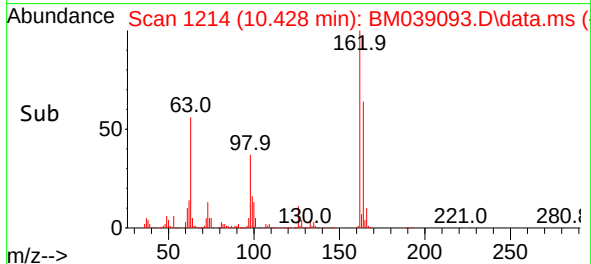
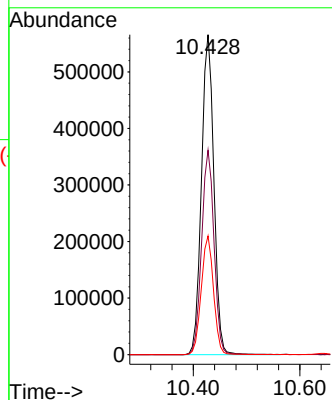
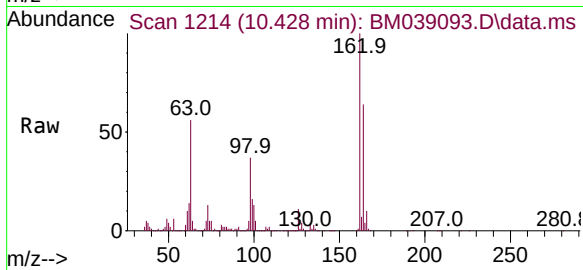
Tgt Ion:162 Resp: 911649

Ion Ratio Lower Upper

162 100

164 63.9 44.6 84.6

98 37.1 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 39.006 ng

RT: 10.645 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

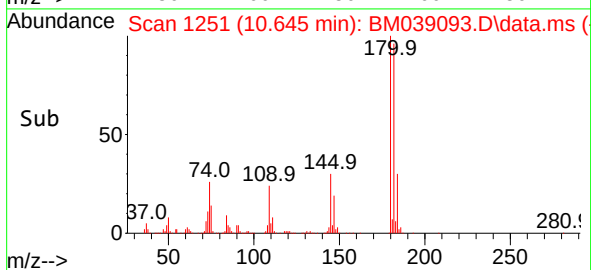
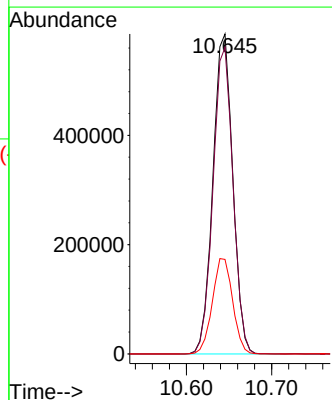
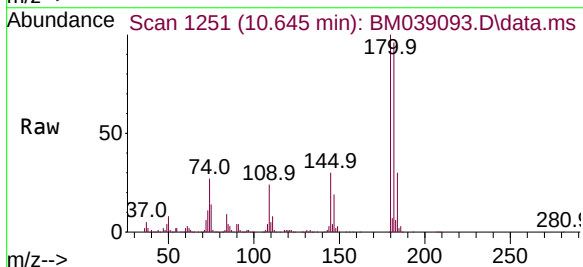
Tgt Ion:180 Resp: 948515

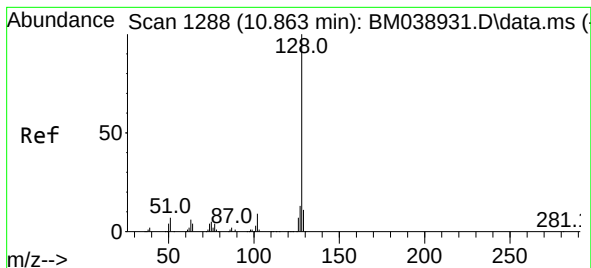
Ion Ratio Lower Upper

180 100

182 95.8 76.3 114.5

145 29.5 25.0 37.4

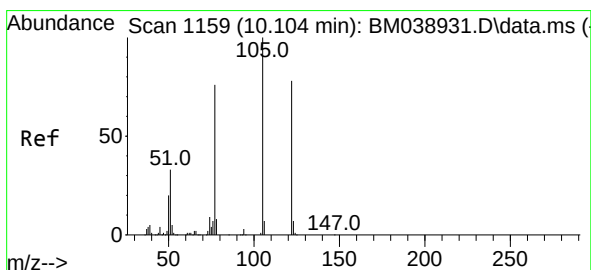
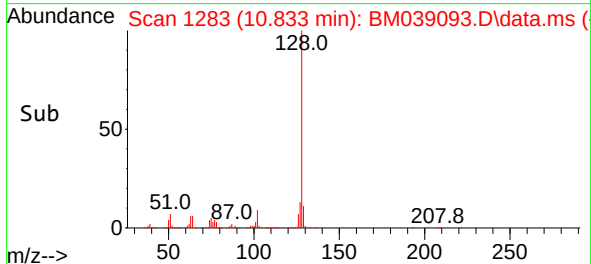
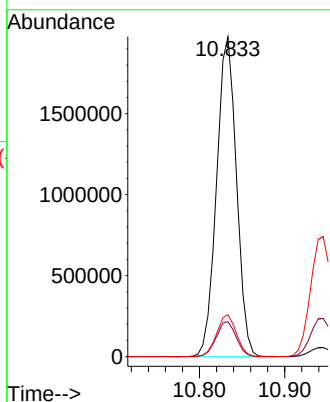
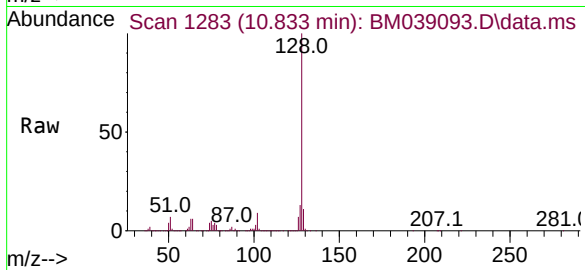




#31
Naphthalene
Concen: 39.001 ng
RT: 10.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

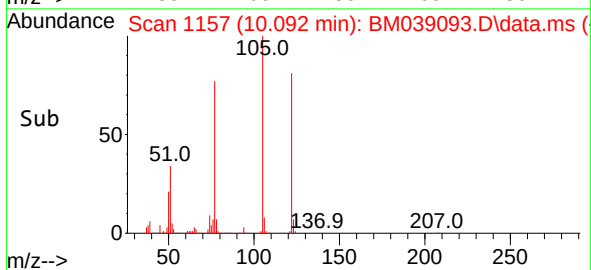
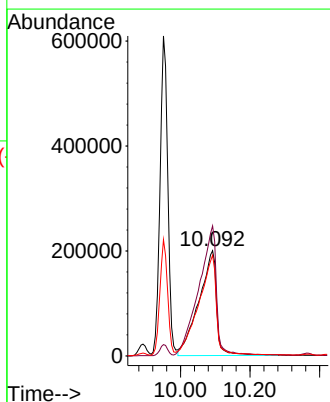
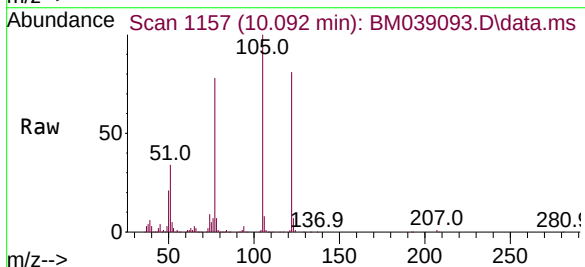
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

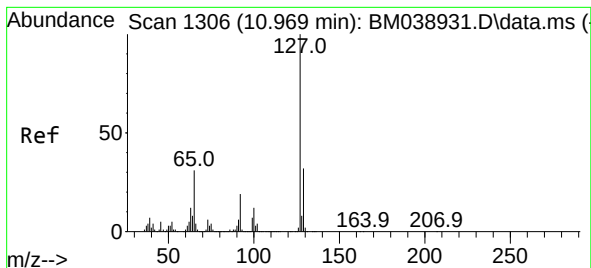
Tgt Ion:128 Resp: 3197767
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 41.951 ng
RT: 10.092 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:122 Resp: 708309
Ion Ratio Lower Upper
122 100
105 123.5 104.2 144.2
77 95.8 75.1 115.1

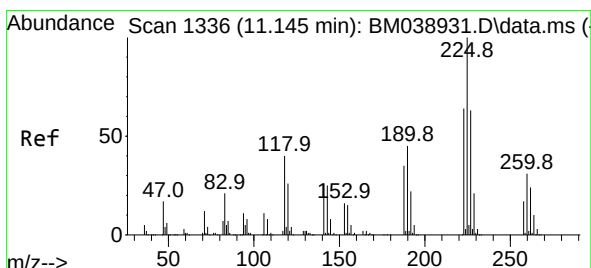
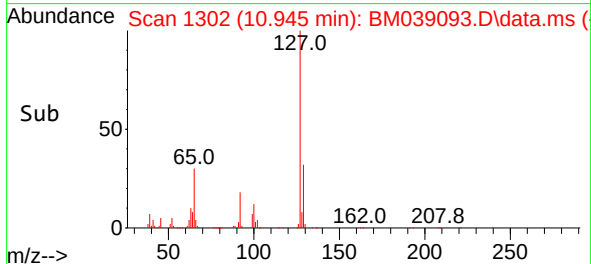
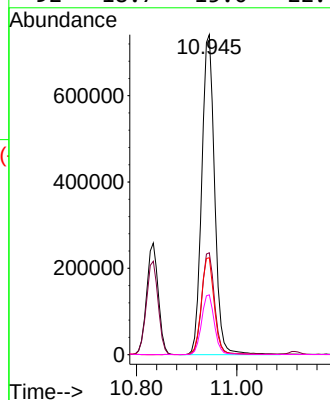
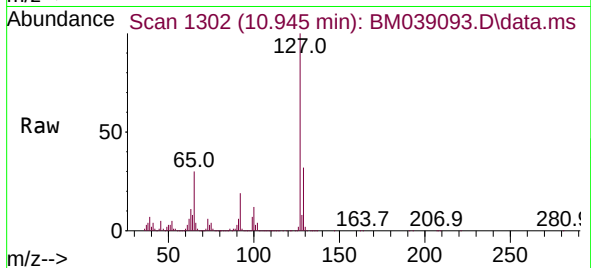




#33
4-Chloroaniline
Concen: 37.881 ng
RT: 10.945 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

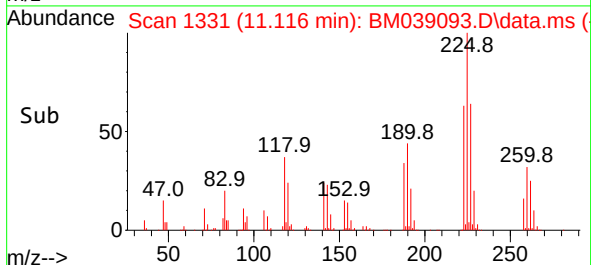
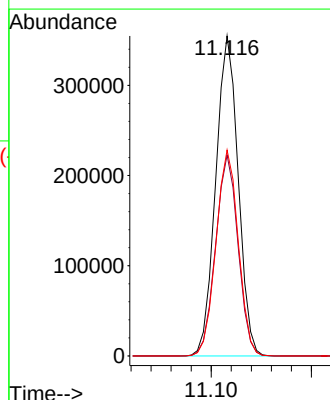
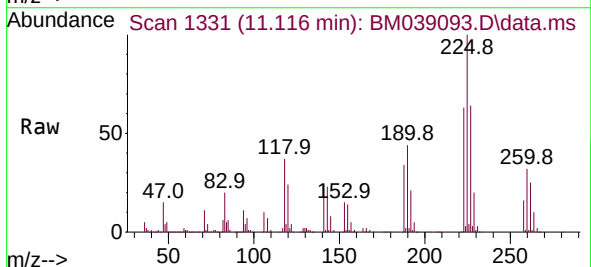
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

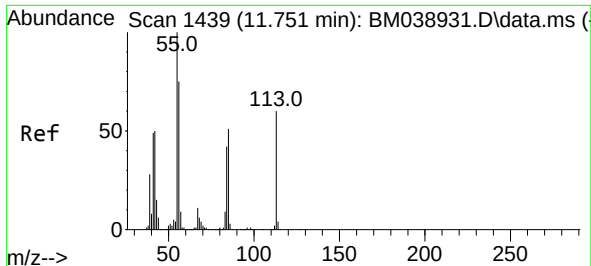
Tgt Ion:127 Resp: 1323658
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2
65 30.3 24.4 36.6
92 18.7 15.0 22.4



#34
Hexachlorobutadiene
Concen: 39.558 ng
RT: 11.116 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:225 Resp: 551634
Ion Ratio Lower Upper
225 100
223 62.8 51.3 76.9
227 64.3 50.6 76.0

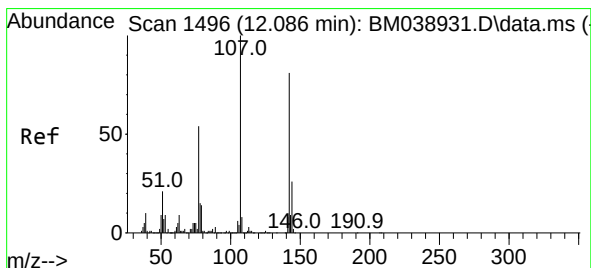
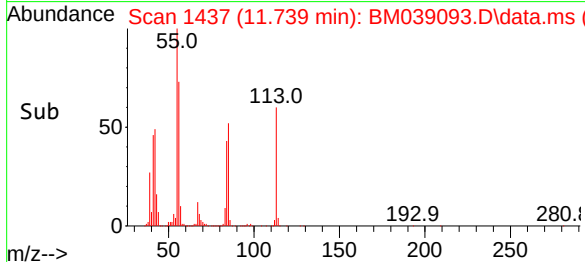
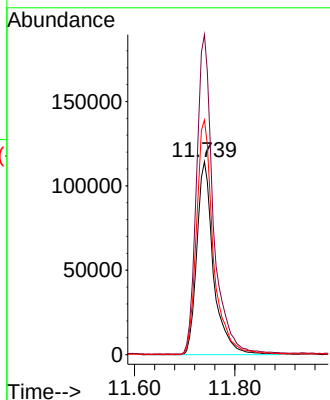
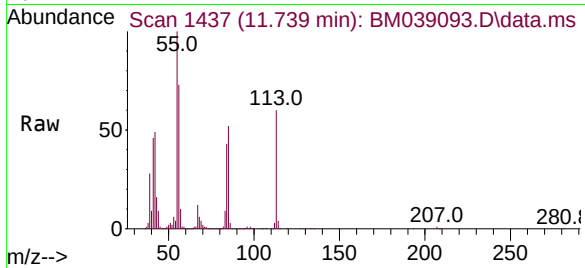




#35
Caprolactam
Concen: 38.944 ng
RT: 11.739 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

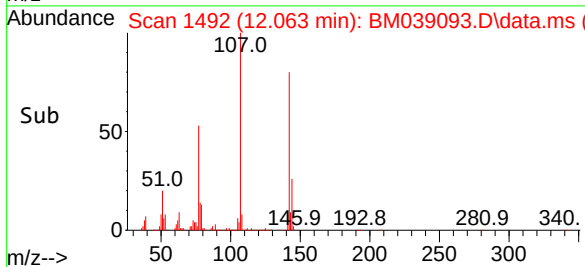
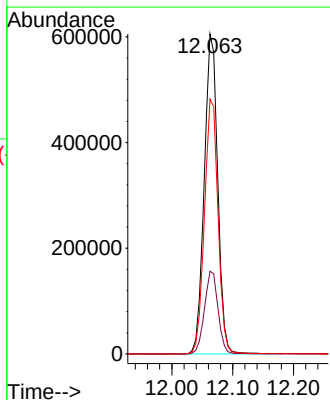
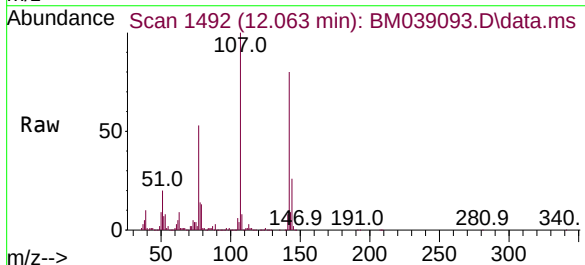
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

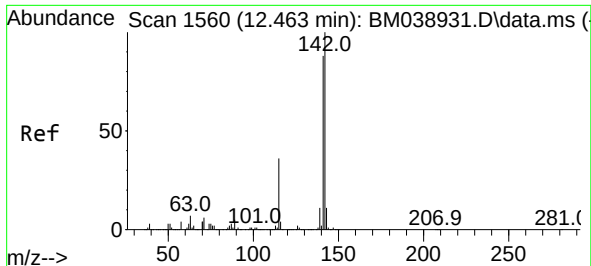
Tgt Ion:113 Resp: 263756
Ion Ratio Lower Upper
113 100
55 165.9 147.0 187.0
56 121.7 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 39.273 ng
RT: 12.063 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:107 Resp: 930614
Ion Ratio Lower Upper
107 100
144 25.8 20.7 31.1
142 79.6 64.6 97.0

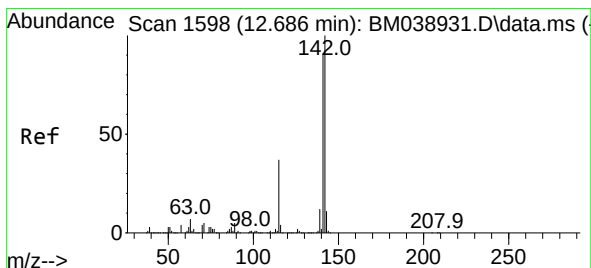
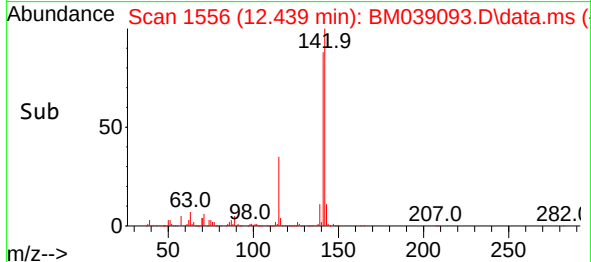
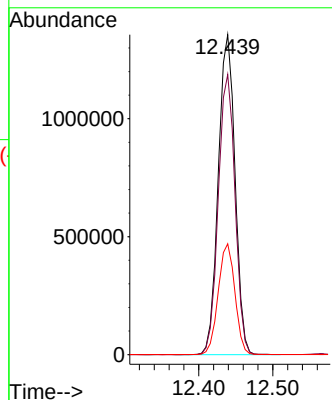
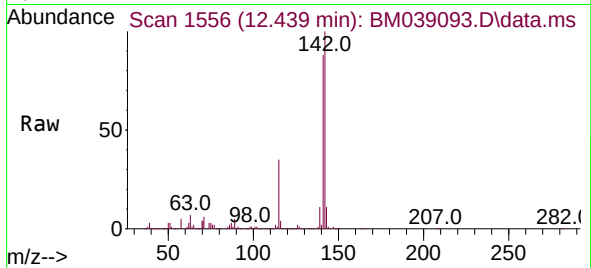




#37
2-Methylnaphthalene
Concen: 38.656 ng
RT: 12.439 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

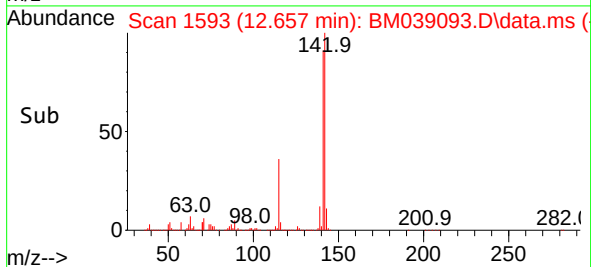
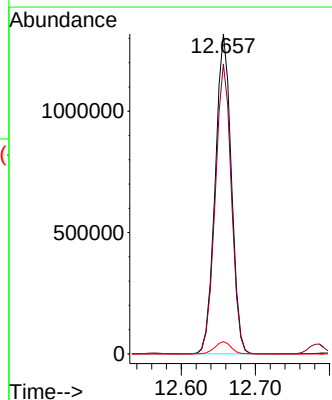
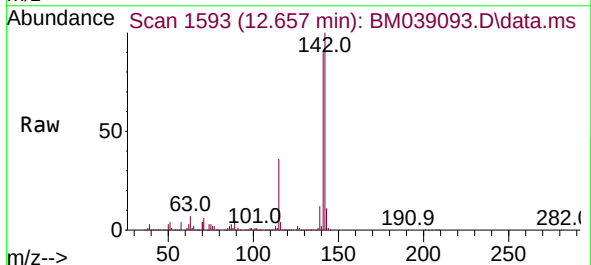
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

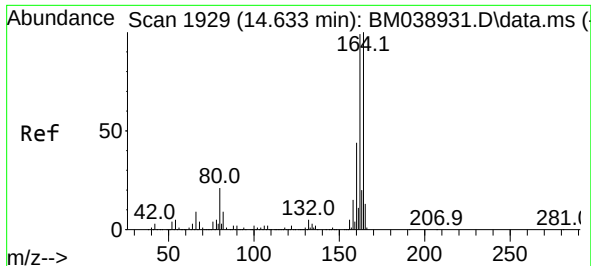
Tgt Ion:142 Resp: 2124352
Ion Ratio Lower Upper
142 100
141 87.5 70.6 106.0
115 34.6 28.5 42.7



#38
1-Methylnaphthalene
Concen: 38.600 ng
RT: 12.657 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:142 Resp: 1987911
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2
116 3.9 3.0 4.4

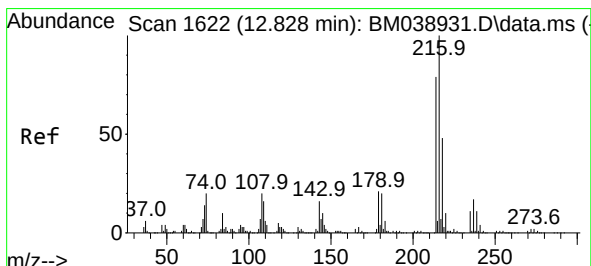
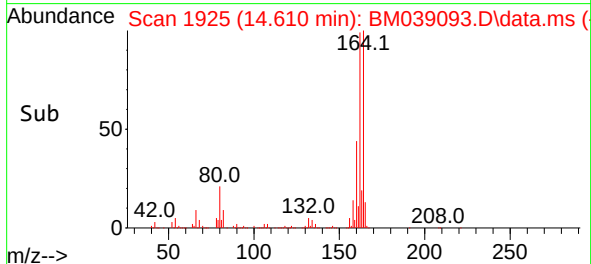
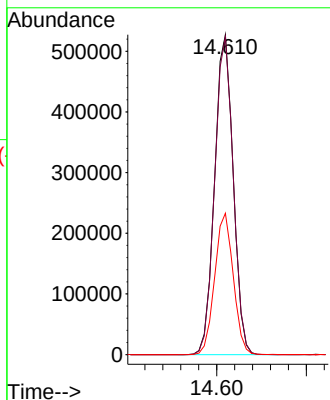
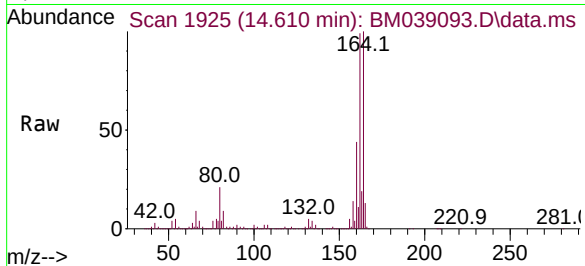




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

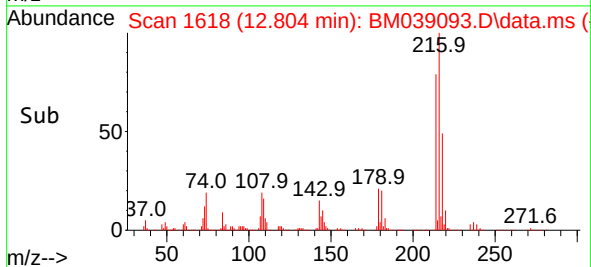
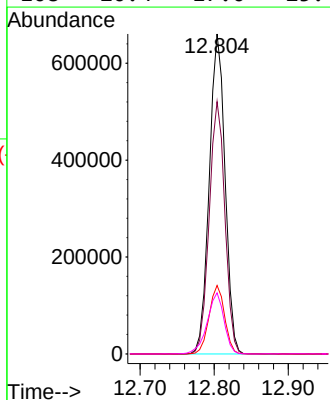
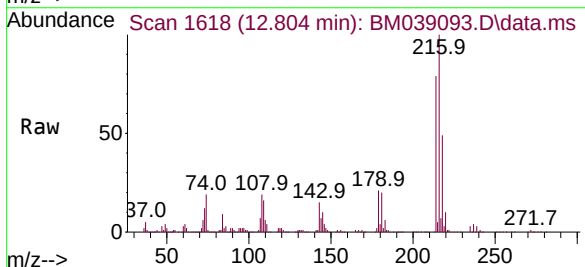
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

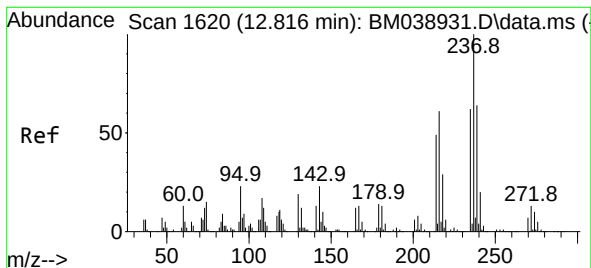
Tgt Ion:164 Resp: 757507
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 44.2 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.631 ng
RT: 12.804 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:216 Resp: 975958
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.4
179 21.1 16.8 25.2
108 20.4 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 34.024 ng

RT: 12.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

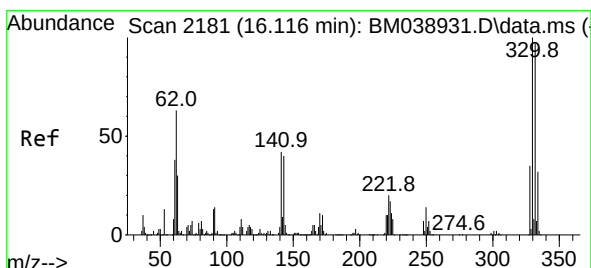
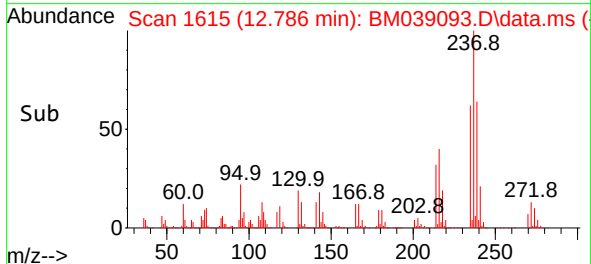
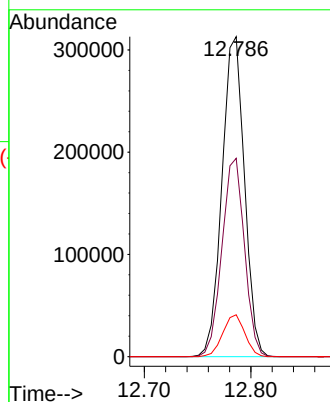
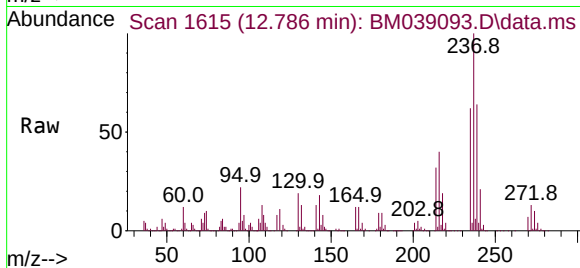
Tgt Ion:237 Resp: 459914

Ion Ratio Lower Upper

237 100

235 62.0 41.7 81.7

272 13.1 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 76.458 ng

RT: 16.098 min Scan# 2178

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

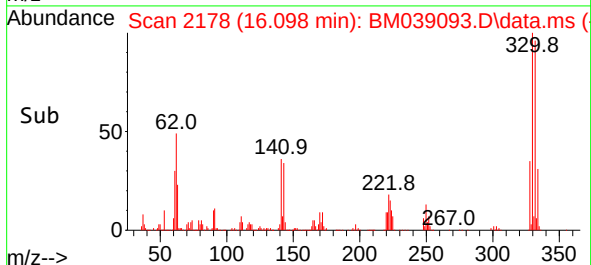
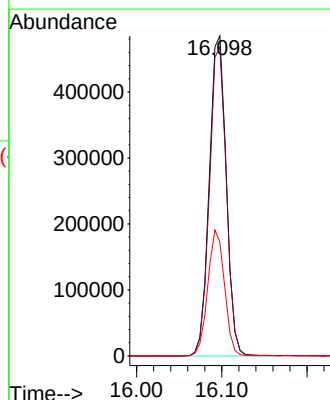
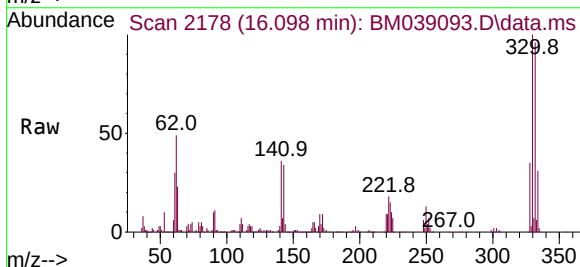
Tgt Ion:330 Resp: 670009

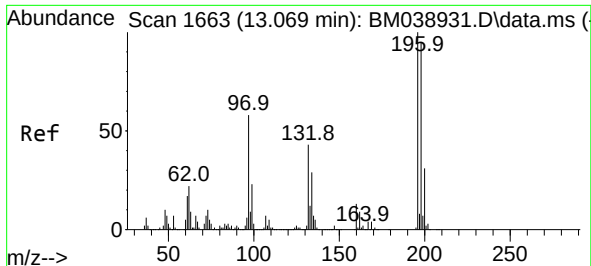
Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 38.8 32.2 48.4

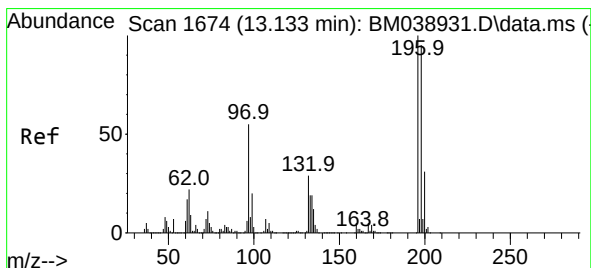
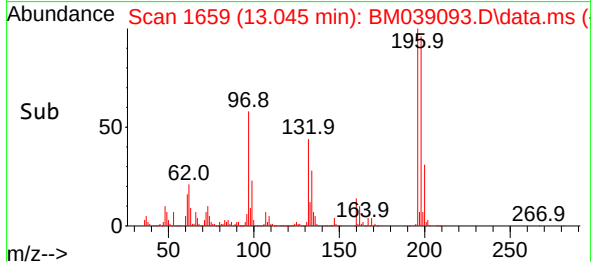
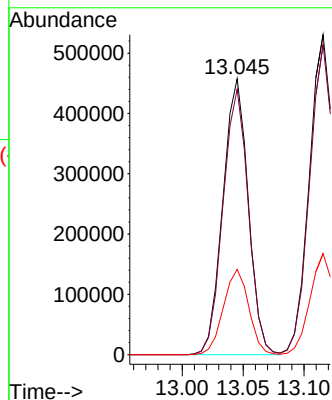
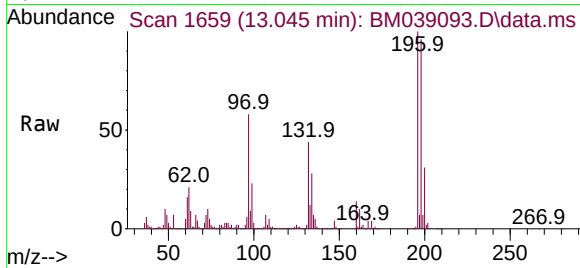




#43
2,4,6-Trichlorophenol
Concen: 41.529 ng
RT: 13.045 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

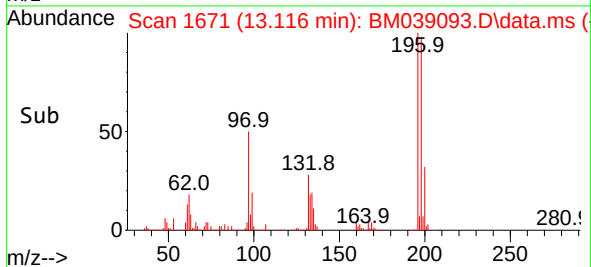
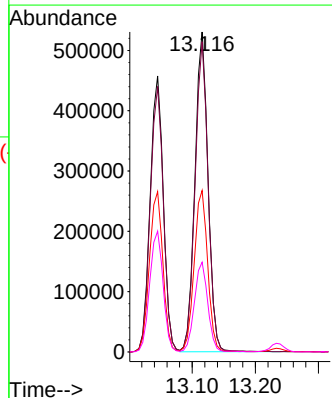
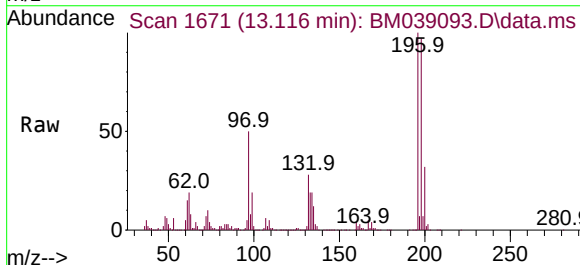
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

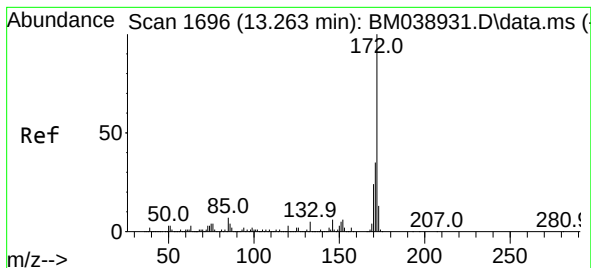
Tgt Ion:196 Resp: 662252
Ion Ratio Lower Upper
196 100
198 96.2 75.8 113.8
200 30.9 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 41.091 ng
RT: 13.116 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:196 Resp: 766995
Ion Ratio Lower Upper
196 100
198 96.9 76.3 114.5
97 50.4 44.2 66.4
132 28.0 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 79.203 ng

RT: 13.233 min Scan# 1696

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

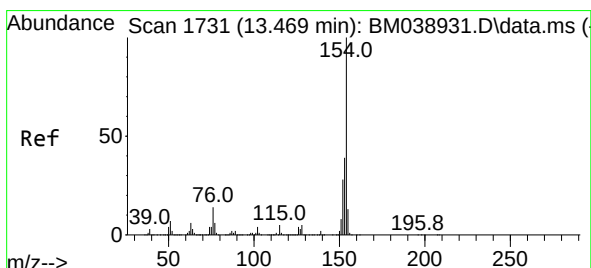
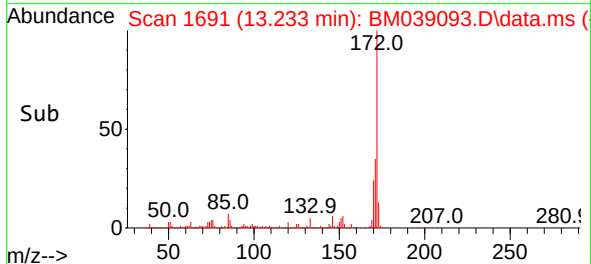
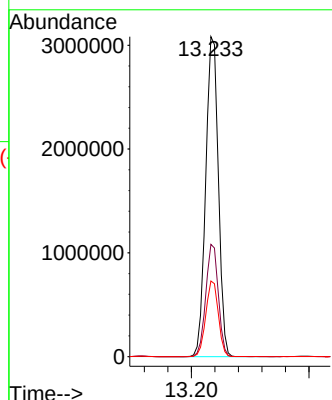
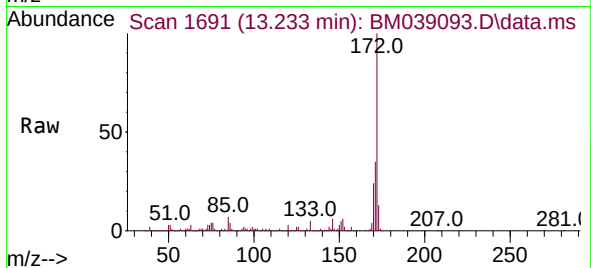
Tgt Ion:172 Resp: 4608753

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 39.550 ng

RT: 13.445 min Scan# 1727

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

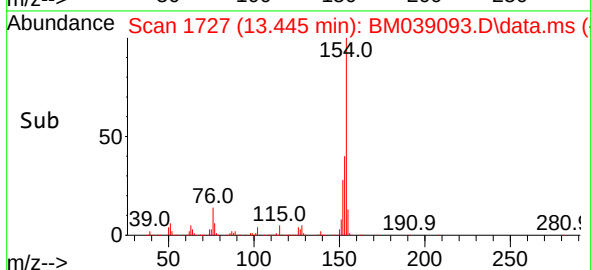
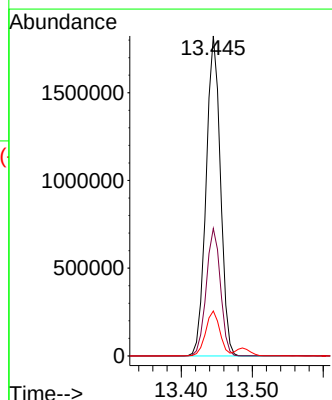
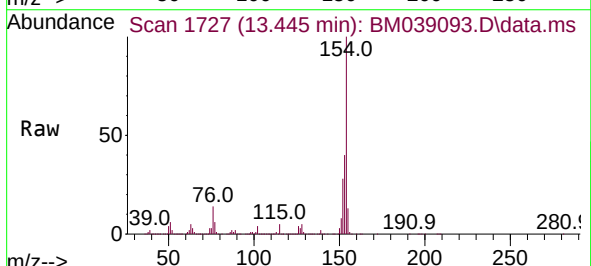
Tgt Ion:154 Resp: 2538079

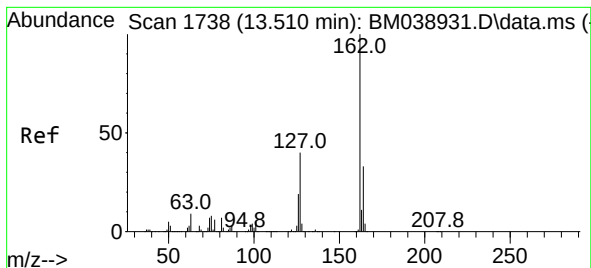
Ion Ratio Lower Upper

154 100

153 39.9 19.3 59.3

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 39.784 ng

RT: 13.486 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

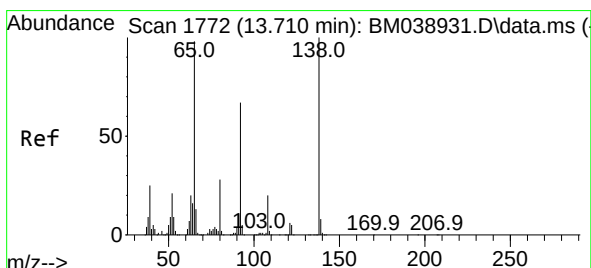
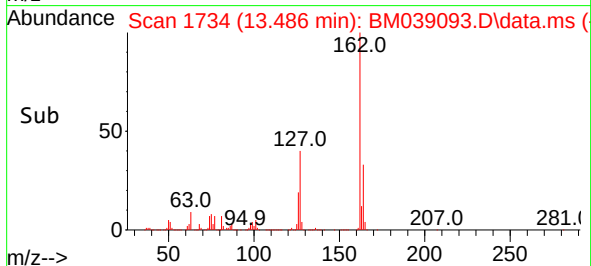
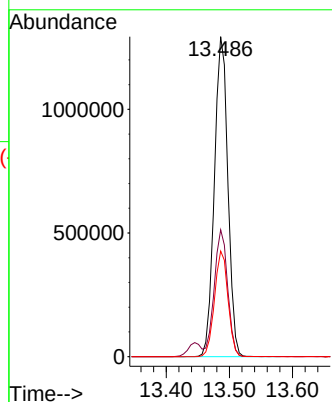
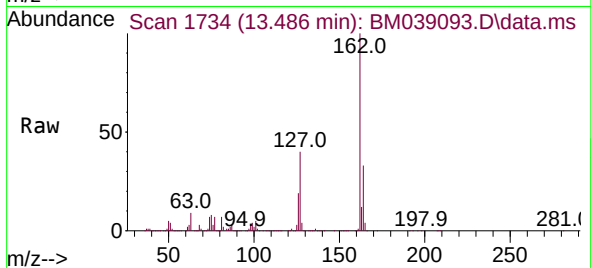
Tgt Ion:162 Resp: 1925231

Ion Ratio Lower Upper

162 100

127 39.6 32.1 48.1

164 33.0 26.2 39.4



#48

2-Nitroaniline

Concen: 39.130 ng

RT: 13.692 min Scan# 1769

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

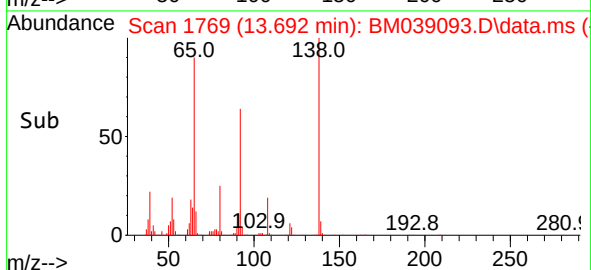
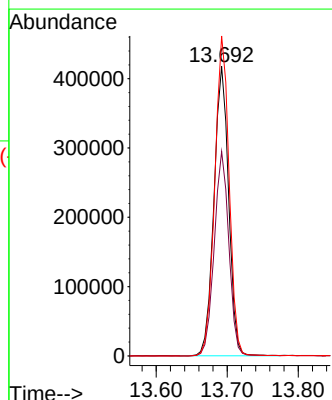
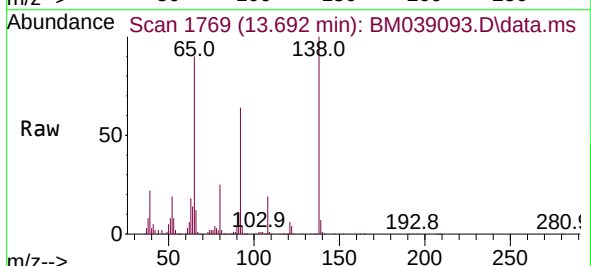
Tgt Ion: 65 Resp: 599624

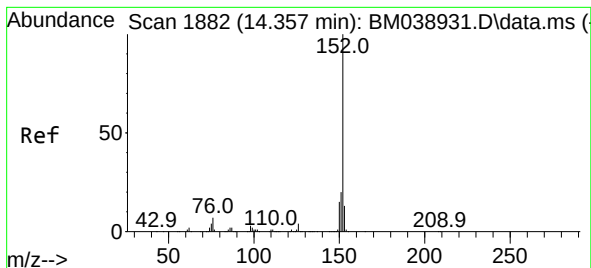
Ion Ratio Lower Upper

65 100

92 70.6 54.9 82.3

138 110.5 81.6 122.4





#49

Acenaphthylene

Concen: 39.808 ng

RT: 14.333 min Scan# 1882

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

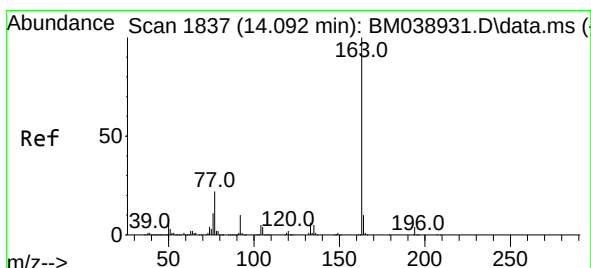
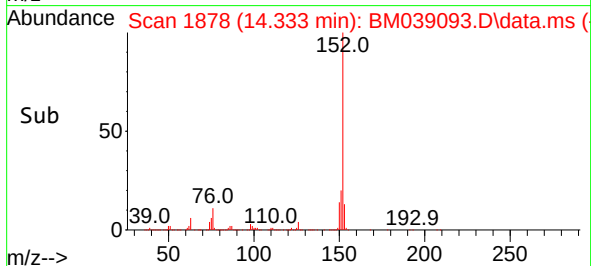
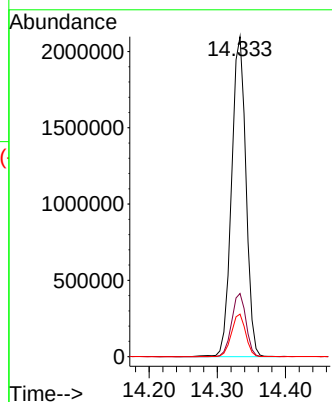
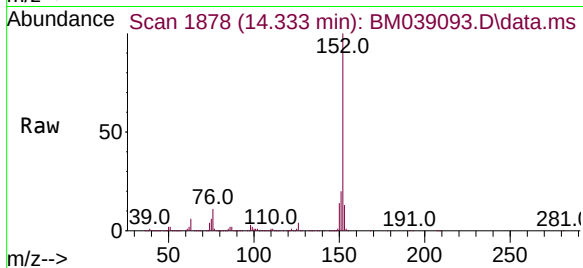
Tgt Ion:152 Resp: 3068456

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 38.458 ng

RT: 14.069 min Scan# 1833

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

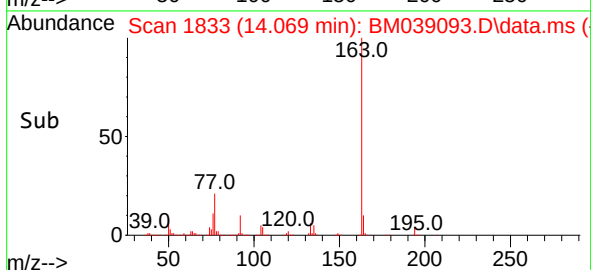
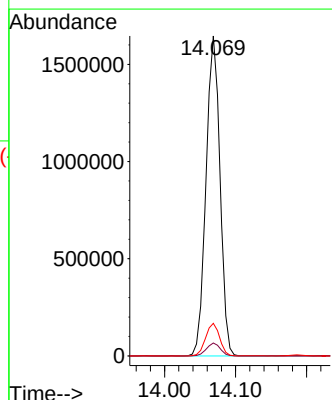
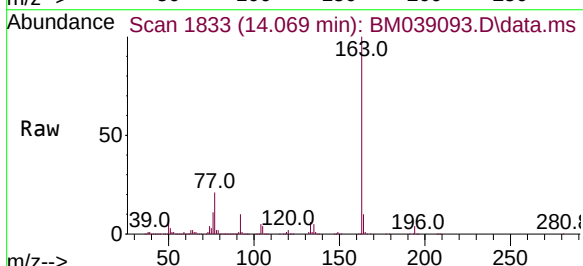
Tgt Ion:163 Resp: 2241672

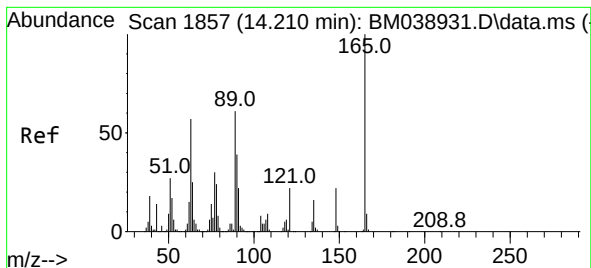
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.1 12.1

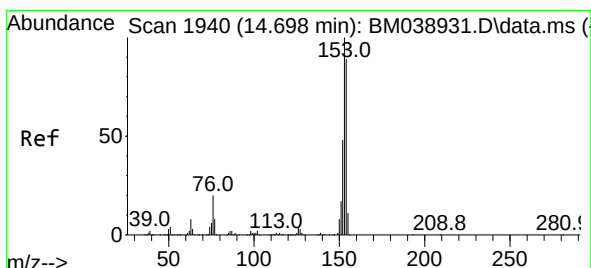
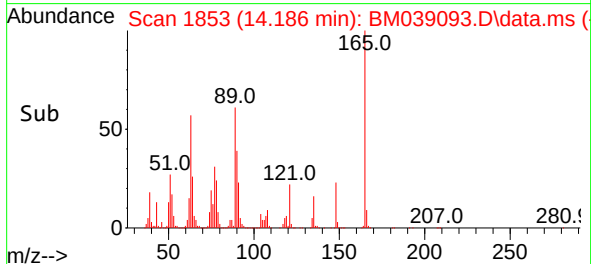
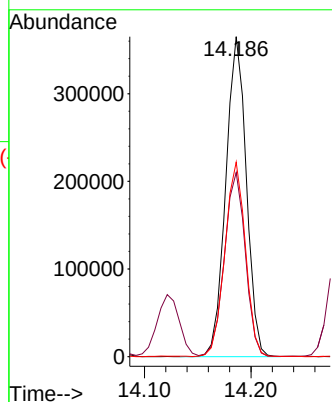
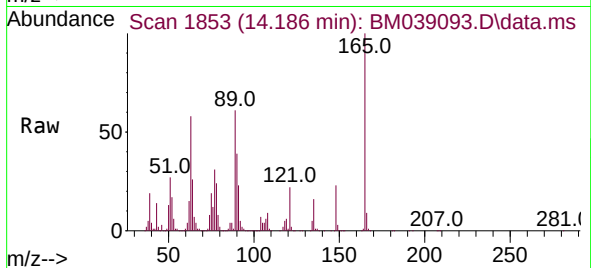




#51
2,6-Dinitrotoluene
Concen: 38.209 ng
RT: 14.186 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

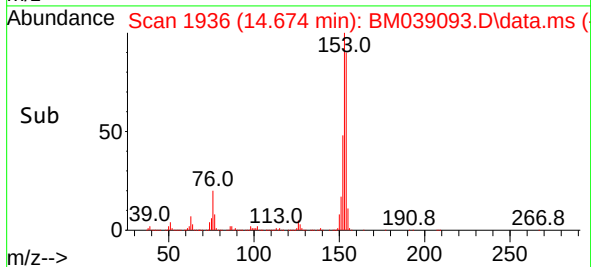
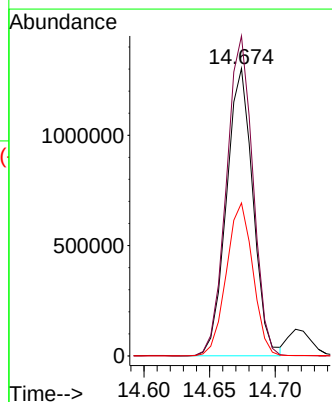
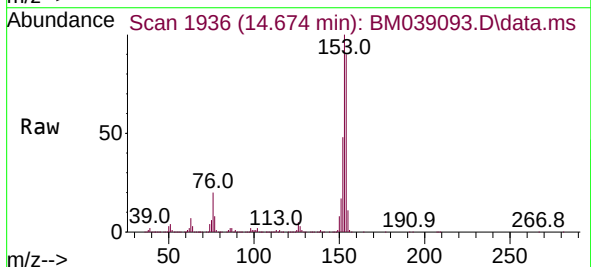
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

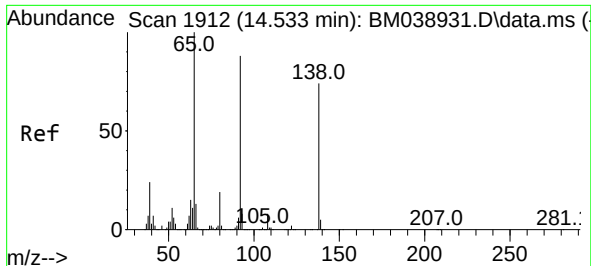
Tgt Ion:165 Resp: 488506
Ion Ratio Lower Upper
165 100
63 57.5 46.6 70.0
89 60.8 48.6 73.0



#52
Acenaphthene
Concen: 38.739 ng
RT: 14.674 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:154 Resp: 1835123
Ion Ratio Lower Upper
154 100
153 111.3 90.2 135.2
152 53.2 43.4 65.2

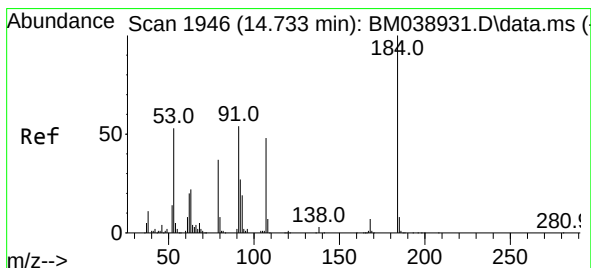
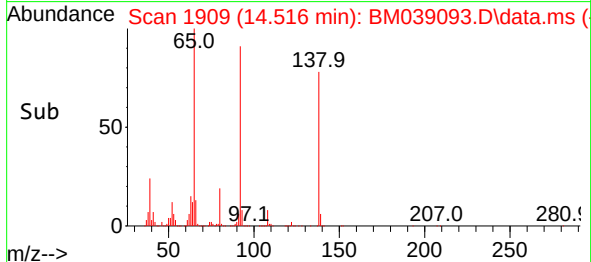
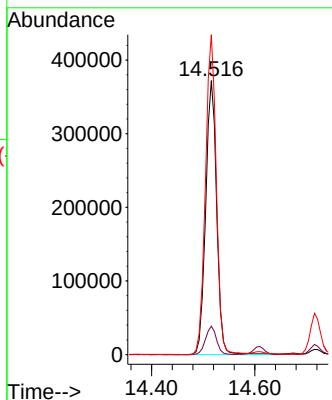
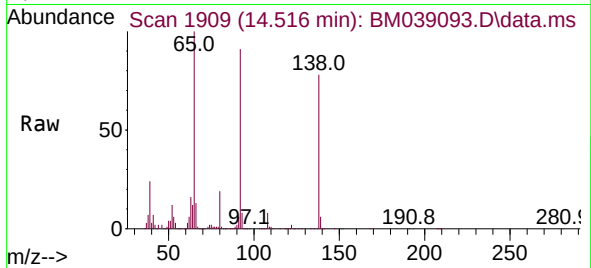




#53
3-Nitroaniline
Concen: 36.680 ng
RT: 14.516 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

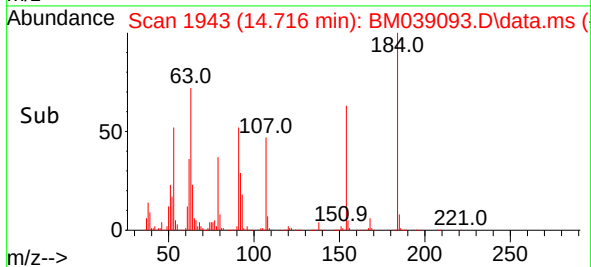
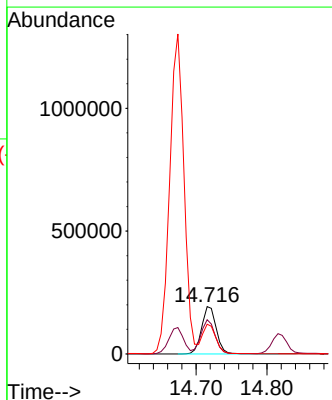
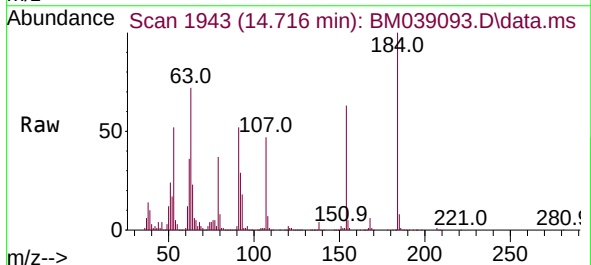
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

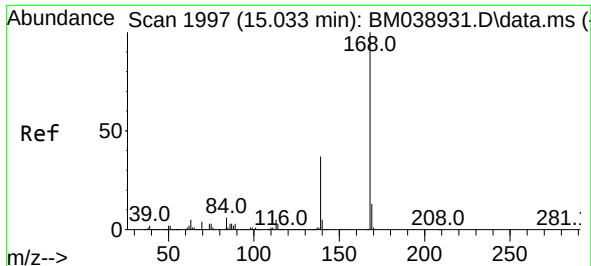
Tgt Ion:138 Resp: 546919
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 116.8 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 39.728 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:184 Resp: 273658
Ion Ratio Lower Upper
184 100
63 72.4 60.6 90.8
154 62.8 51.4 77.2

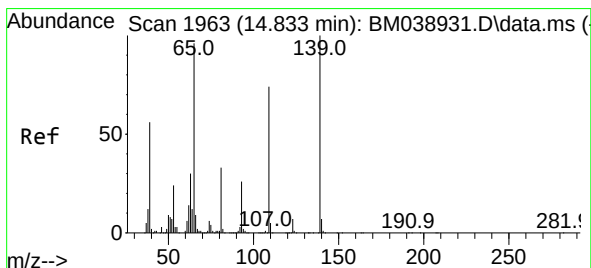
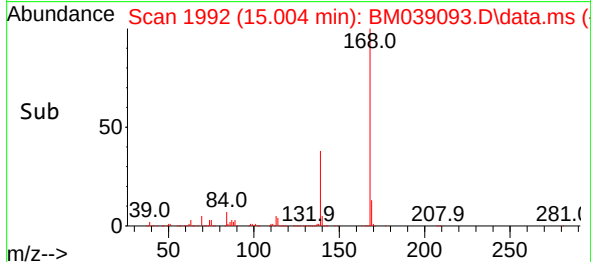
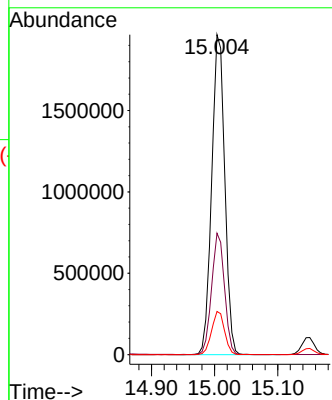
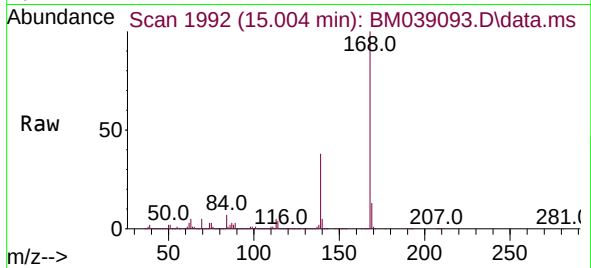




#55
Dibenzofuran
Concen: 38.140 ng
RT: 15.004 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

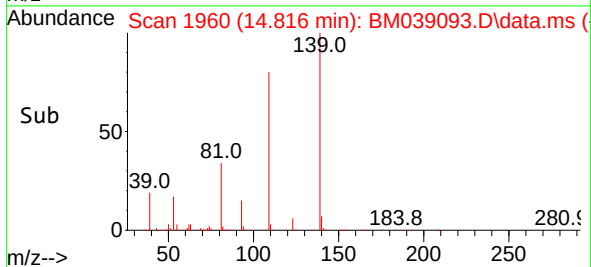
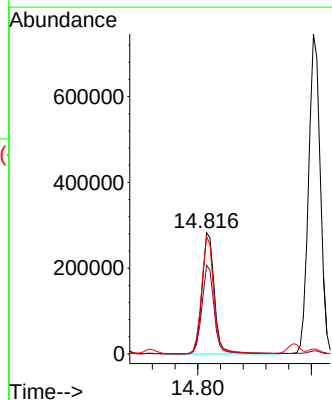
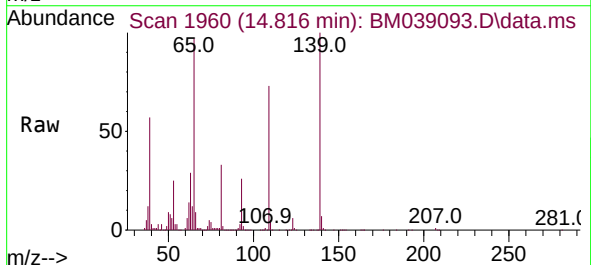
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

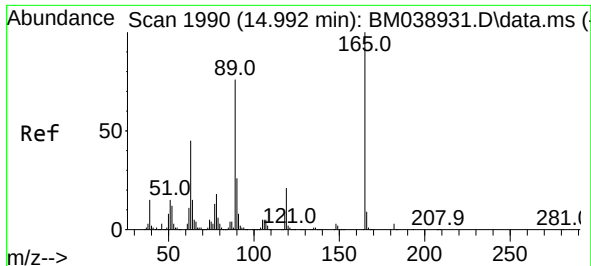
Tgt Ion:168 Resp: 2827291
Ion Ratio Lower Upper
168 100
139 37.9 29.9 44.9
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 36.981 ng
RT: 14.816 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:139 Resp: 428107
Ion Ratio Lower Upper
139 100
109 73.1 53.5 93.5
65 96.7 76.4 116.4

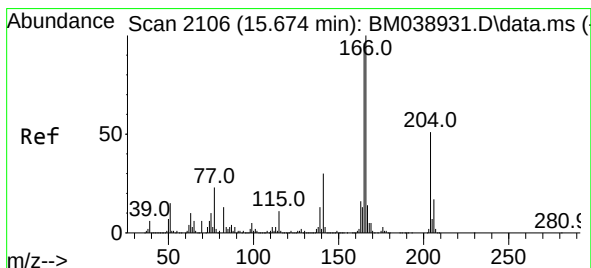
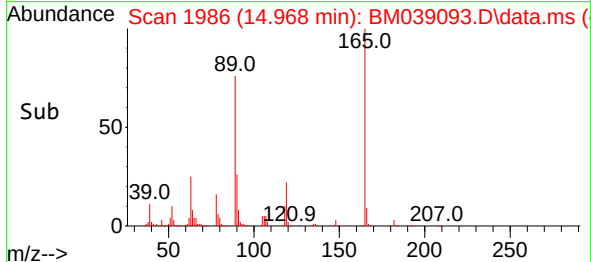
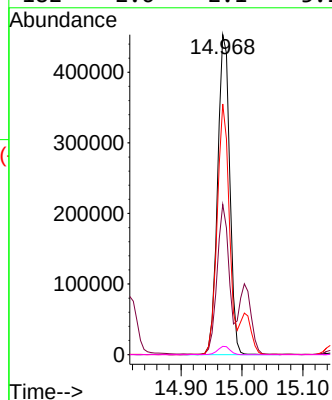
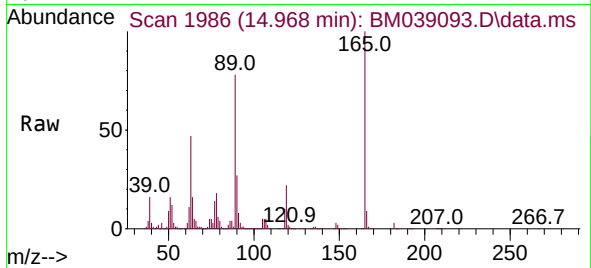




#57
2,4-Dinitrotoluene
Concen: 37.498 ng
RT: 14.968 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

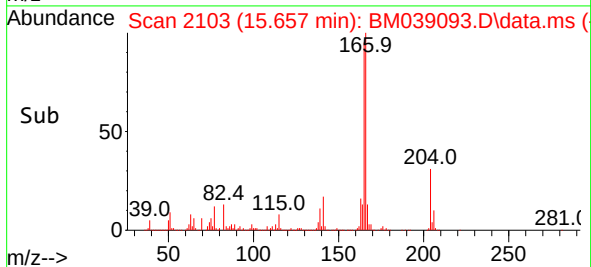
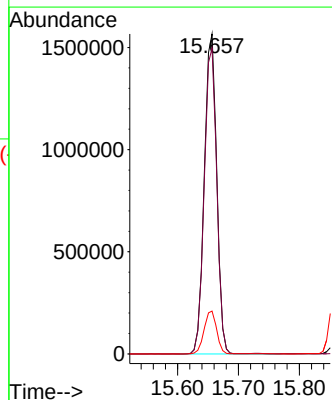
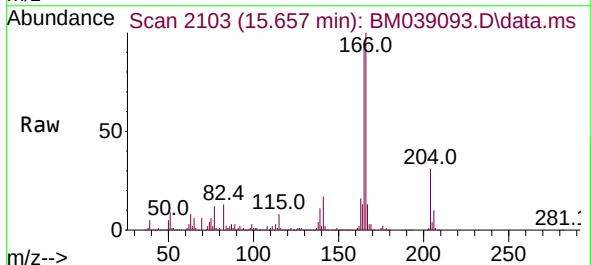
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

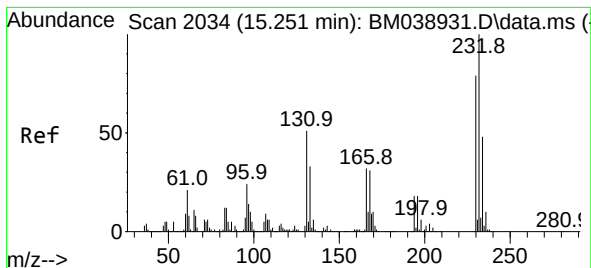
Tgt Ion:165 Resp: 628118
Ion Ratio Lower Upper
165 100
63 46.9 35.9 53.9
89 78.3 61.0 91.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 38.028 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:166 Resp: 2208192
Ion Ratio Lower Upper
166 100
165 95.5 77.1 115.7
167 13.4 10.9 16.3

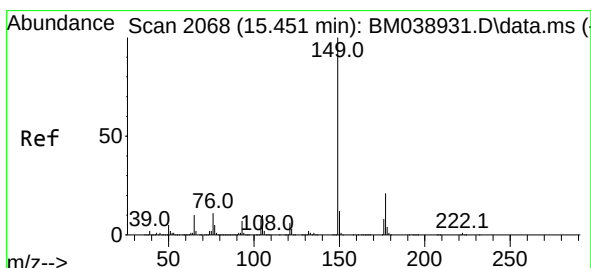
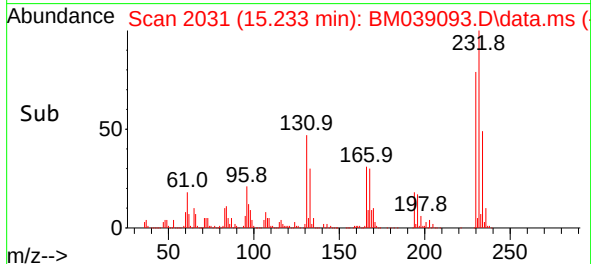
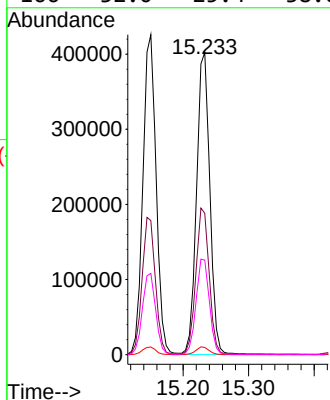
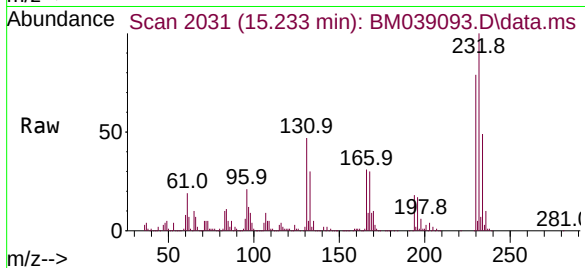




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.006 ng
RT: 15.233 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

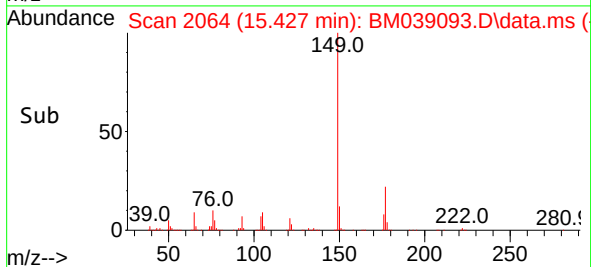
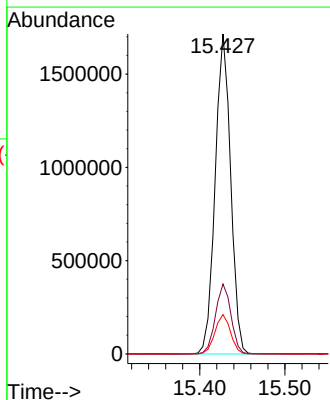
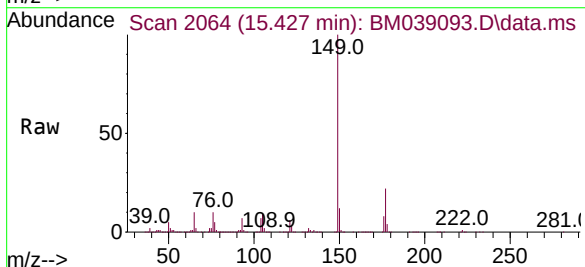
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

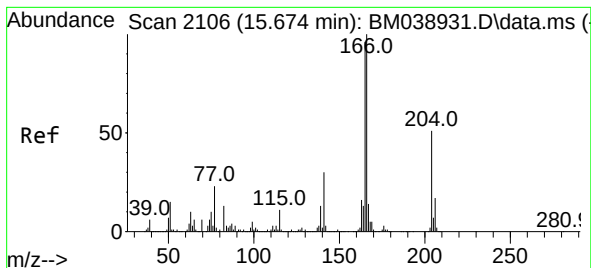
Tgt Ion:232 Resp: 561508
Ion Ratio Lower Upper
232 100
131 48.7 40.0 60.0
130 2.5 2.0 3.0
166 32.0 25.4 38.0



#60
Diethylphthalate
Concen: 38.060 ng
RT: 15.427 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:149 Resp: 2158614
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.3 9.7 14.5

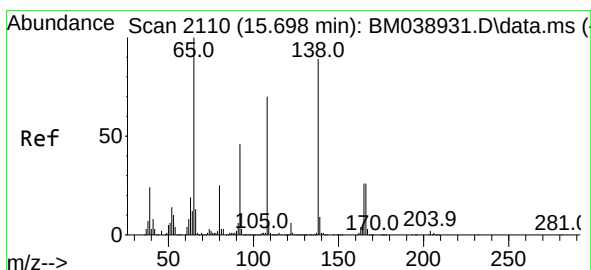
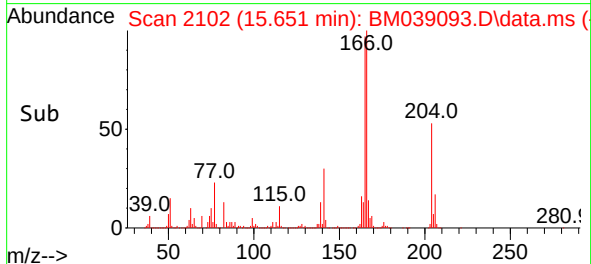
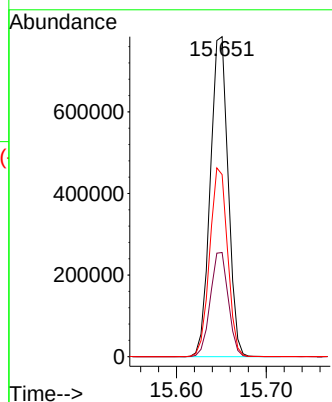
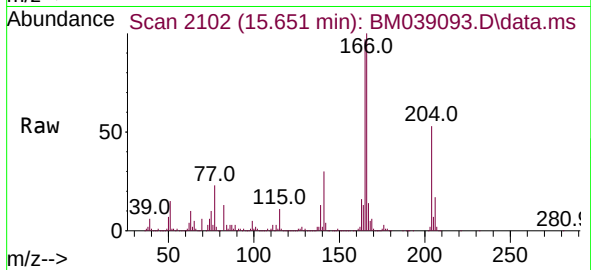




#61
4-Chlorophenyl-phenylether
Concen: 37.910 ng
RT: 15.651 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

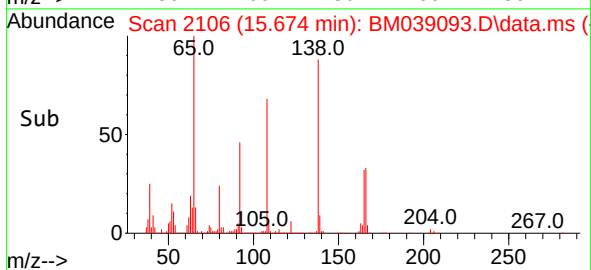
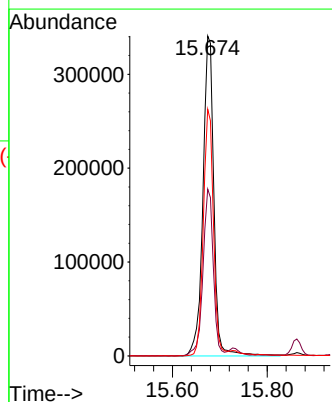
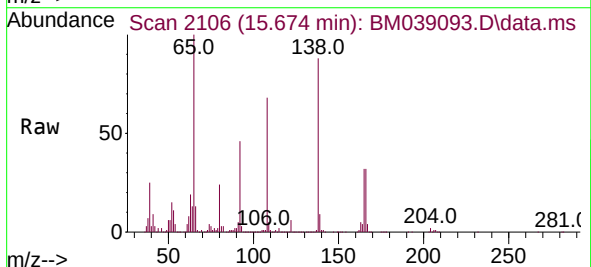
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

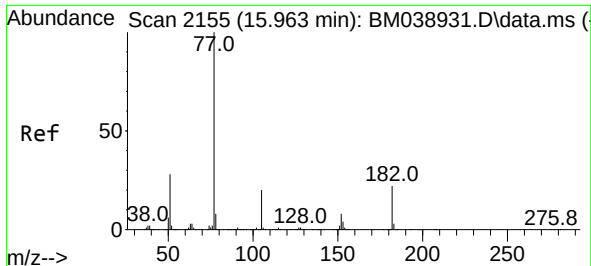
Tgt Ion:204 Resp: 1081451
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 56.9 46.4 69.6



#62
4-Nitroaniline
Concen: 35.919 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:138 Resp: 543942
Ion Ratio Lower Upper
138 100
92 52.1 31.6 71.6
108 77.1 58.6 98.6



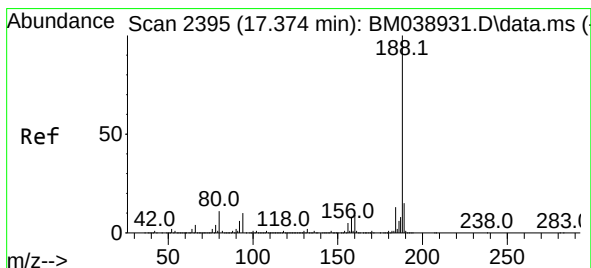
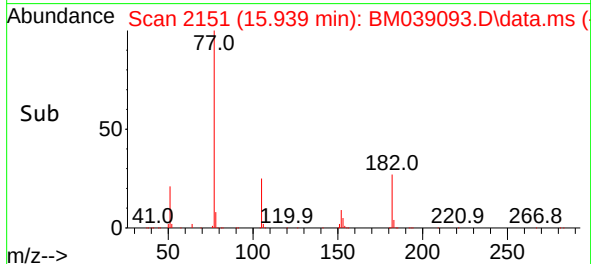
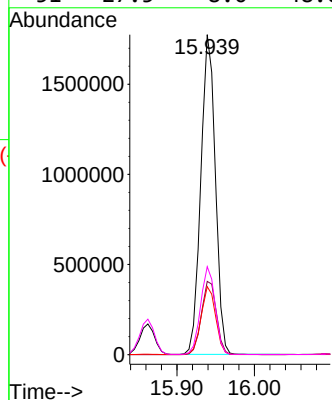
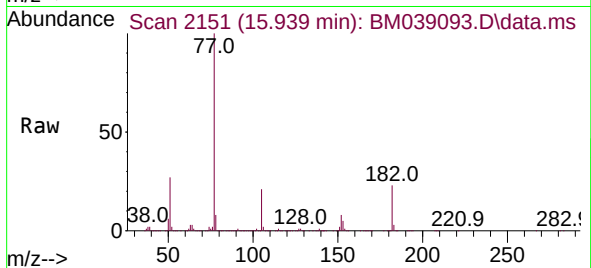


#63
Azobenzene
Concen: 38.503 ng
RT: 15.939 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2310642

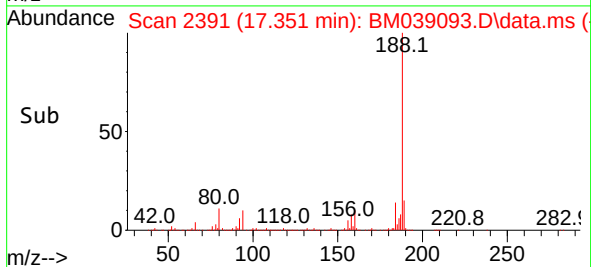
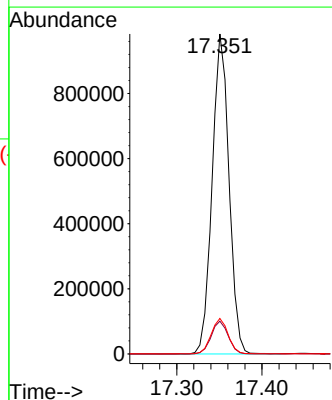
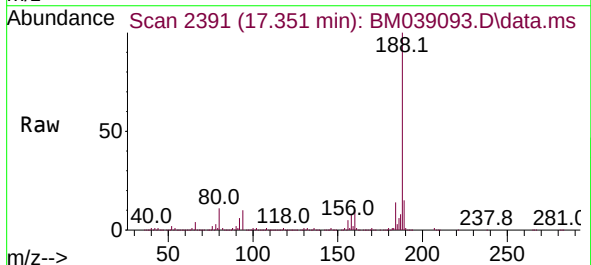
Ion	Ratio	Lower	Upper
77	100		
182	22.9	2.0	42.0
105	21.2	0.4	40.4
51	27.5	8.0	48.0

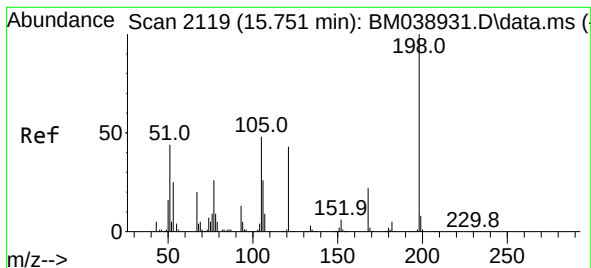


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion: 188 Resp: 1347166

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.9	11.9
80	11.1	8.5	12.7

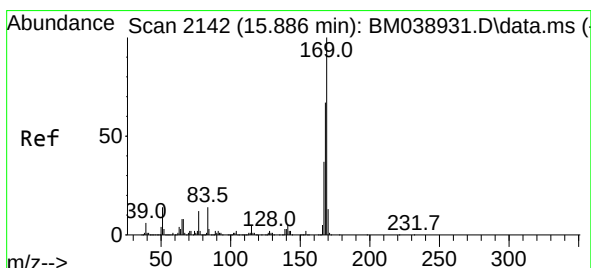
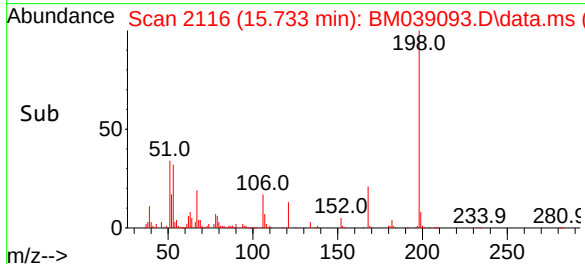
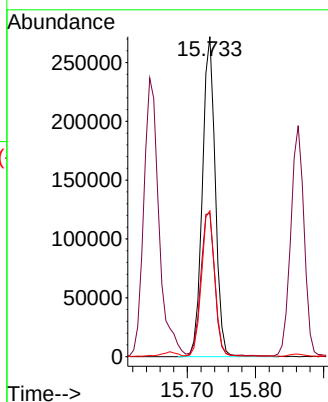
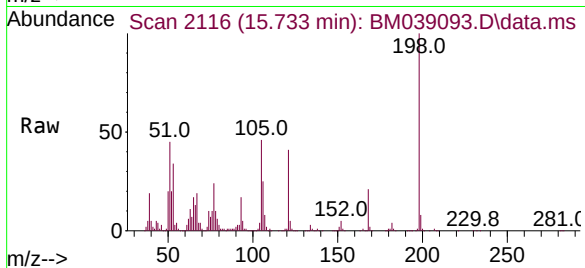




#65
4,6-Dinitro-2-methylphenol
Concen: 41.176 ng
RT: 15.733 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

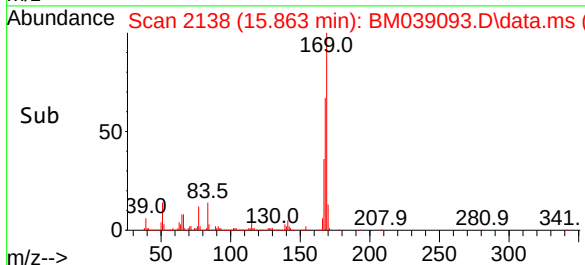
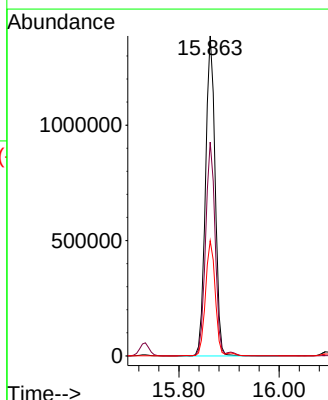
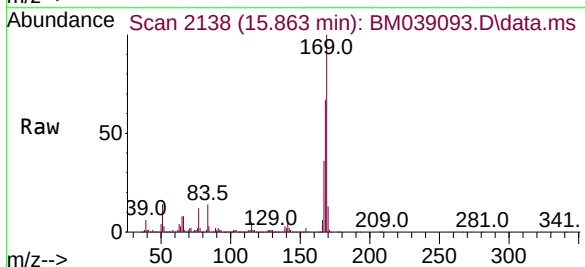
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

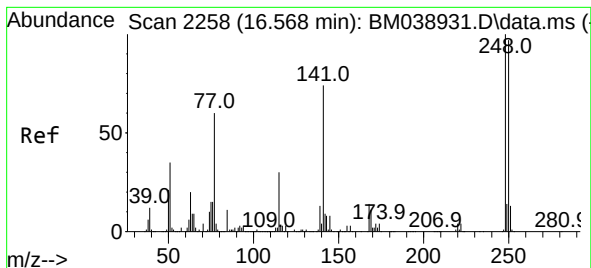
Tgt Ion:198 Resp: 357381
Ion Ratio Lower Upper
198 100
51 44.8 30.1 70.1
105 45.5 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 40.644 ng
RT: 15.863 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:169 Resp: 1845858
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.0 29.4 44.0

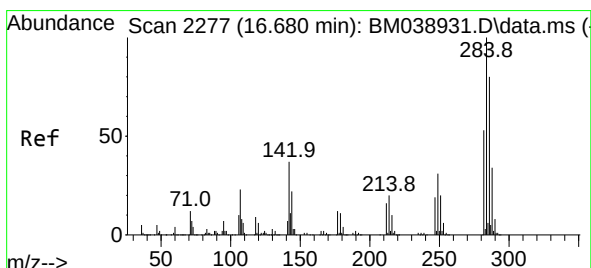
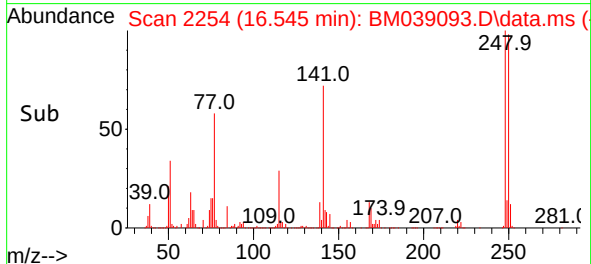
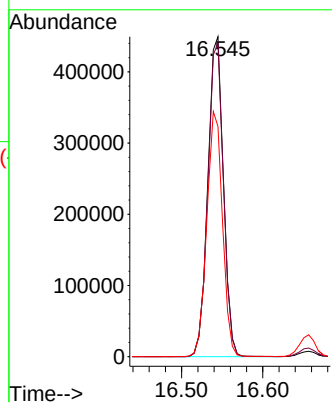
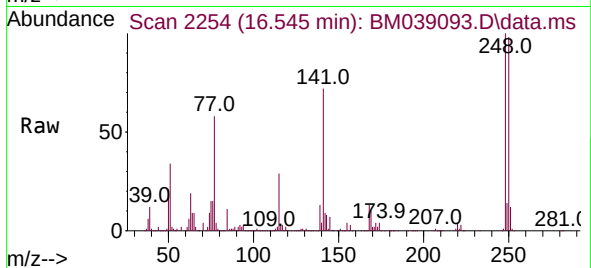




#67
4-Bromophenyl-phenylether
Concen: 41.293 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

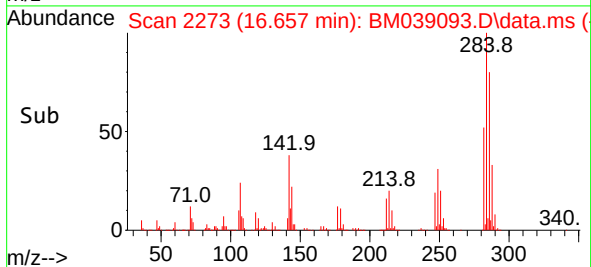
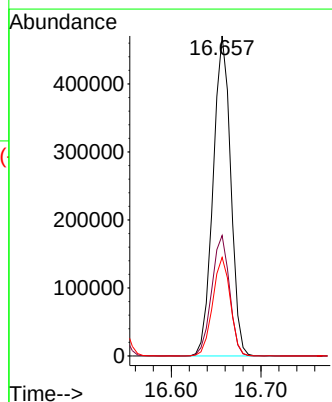
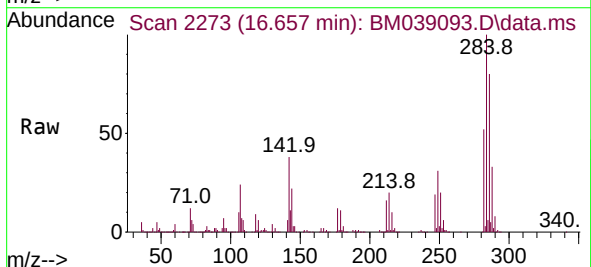
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

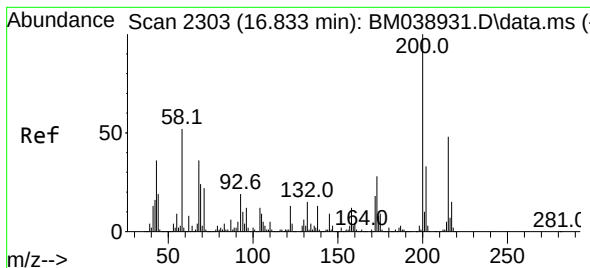
Tgt Ion:248 Resp: 600855
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.8
141 71.9 59.0 88.4



#68
Hexachlorobenzene
Concen: 39.492 ng
RT: 16.657 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:284 Resp: 642400
Ion Ratio Lower Upper
284 100
142 37.6 29.5 44.3
249 30.8 25.0 37.4





#69

Atrazine

Concen: 41.121 ng

RT: 16.815 min Scan# 2311

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

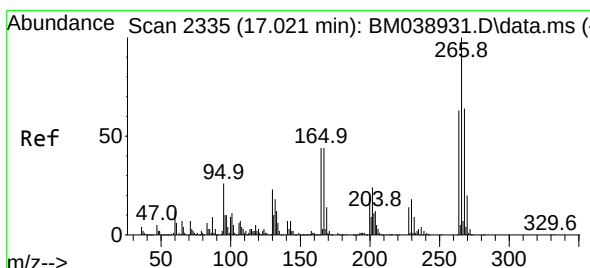
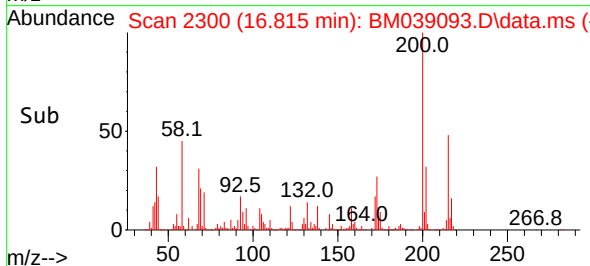
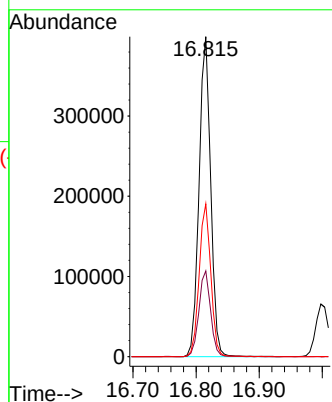
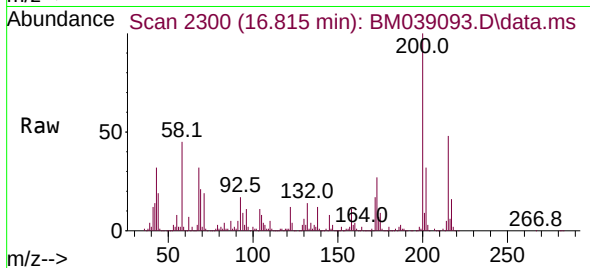
Tgt Ion:200 Resp: 510113

Ion Ratio Lower Upper

200 100

173 26.8 8.2 48.2

215 47.7 27.8 67.8



#70

Pentachlorophenol

Concen: 39.882 ng

RT: 16.998 min Scan# 2331

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

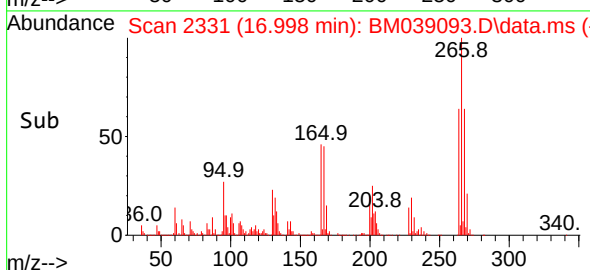
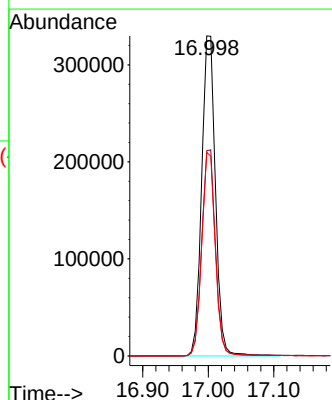
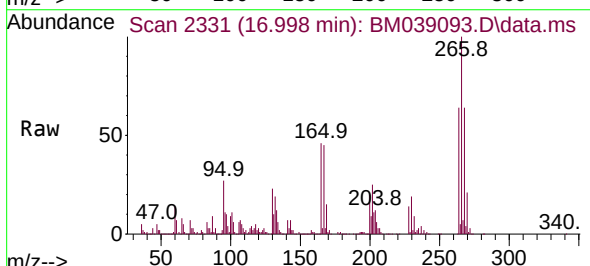
Tgt Ion:266 Resp: 477142

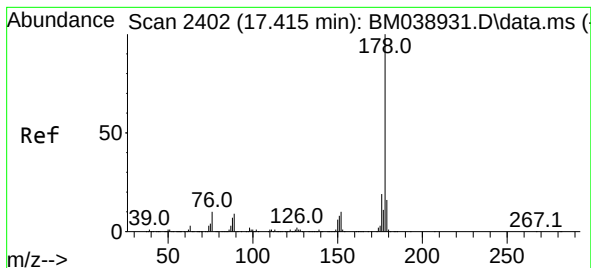
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.4

264 63.6 50.3 75.5





#71

Phenanthrene

Concen: 38.861 ng

RT: 17.392 min Scan# 2402

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

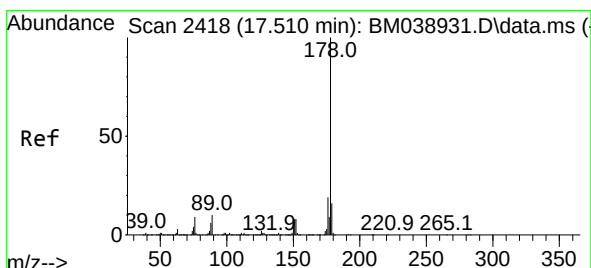
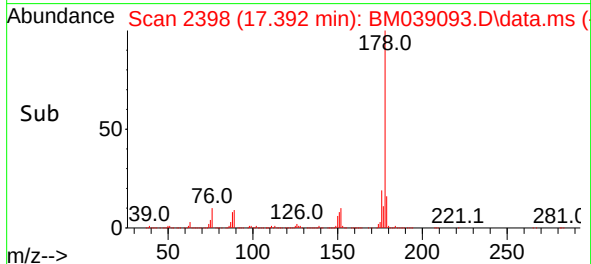
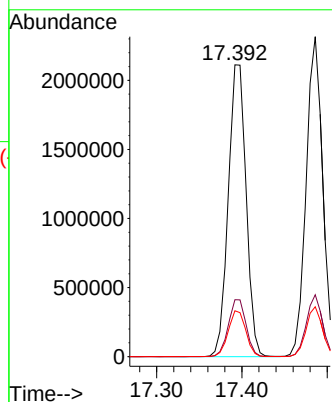
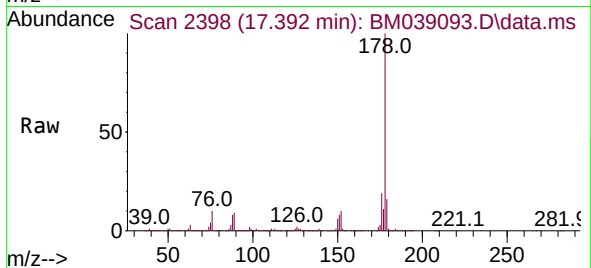
Tgt Ion:178 Resp: 3072597

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.7 12.5 18.7



#72

Anthracene

Concen: 39.595 ng

RT: 17.486 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

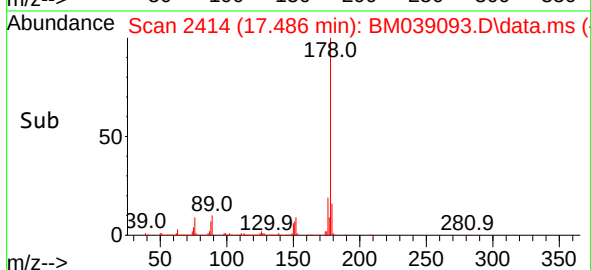
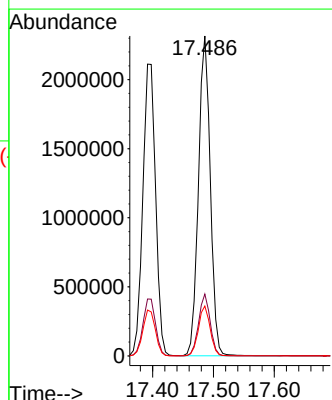
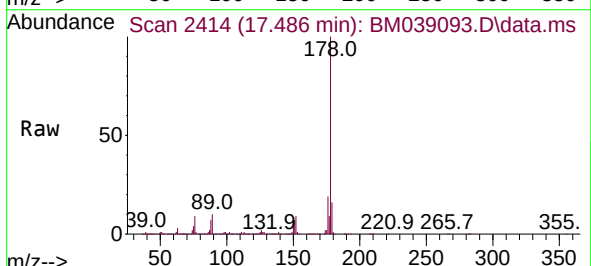
Tgt Ion:178 Resp: 3122002

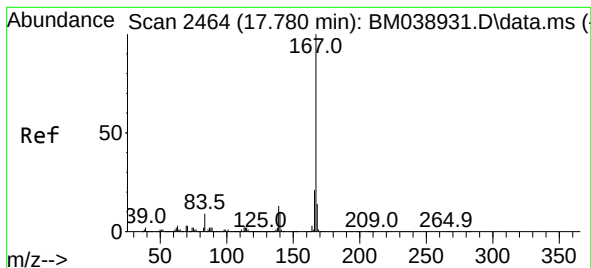
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.6 12.5 18.7





#73

Carbazole

Concen: 38.858 ng

RT: 17.756 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

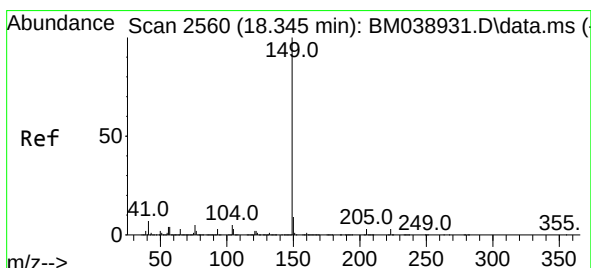
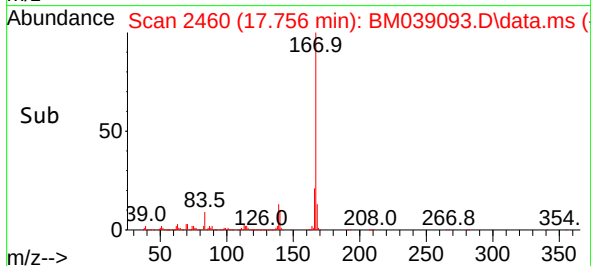
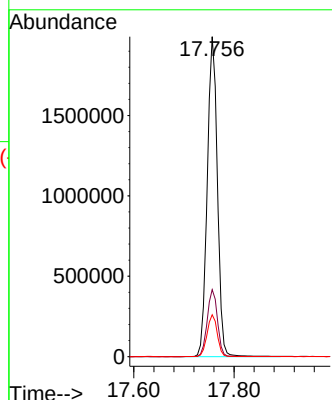
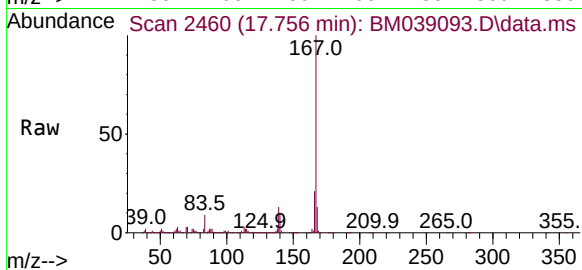
Tgt Ion:167 Resp: 2796330

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.4

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 37.897 ng

RT: 18.321 min Scan# 2556

Delta R.T. 0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

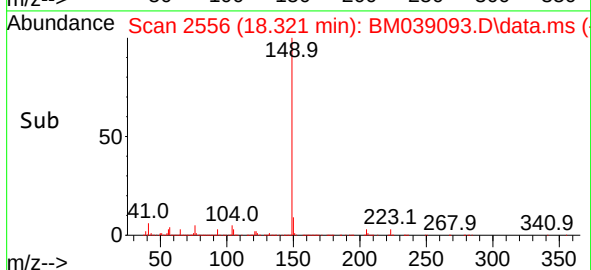
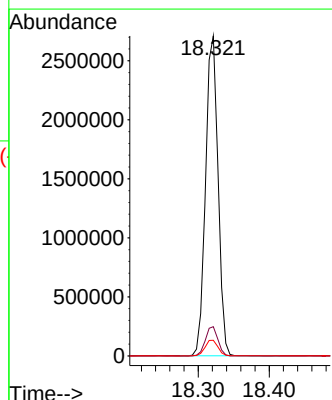
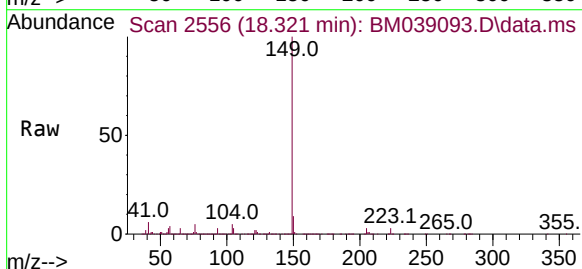
Tgt Ion:149 Resp: 3291729

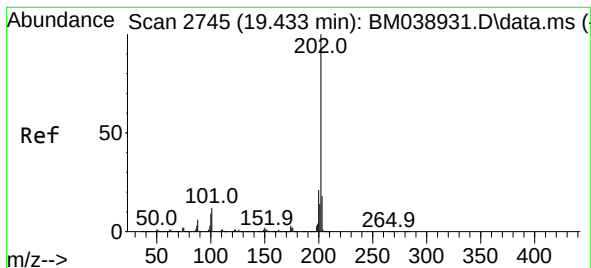
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 37.942 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

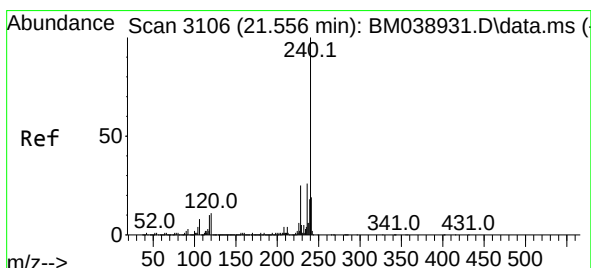
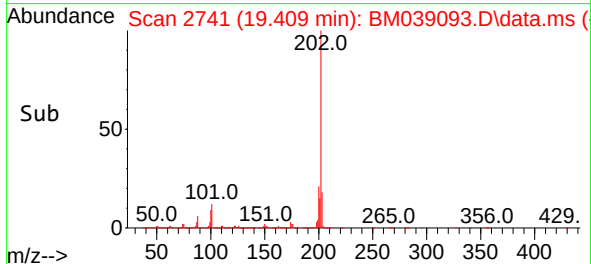
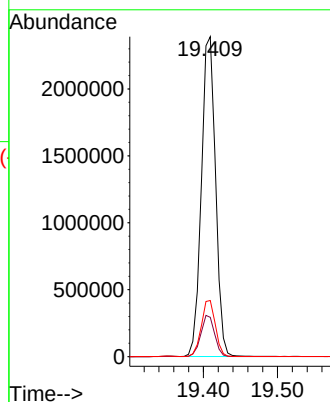
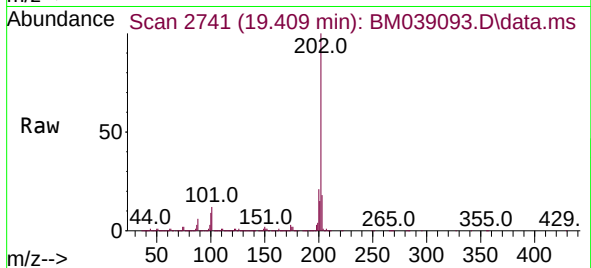
Tgt Ion:202 Resp: 3167473

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.7

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

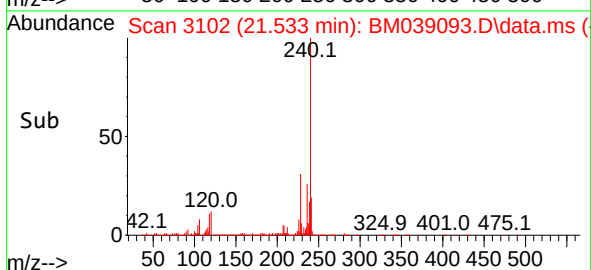
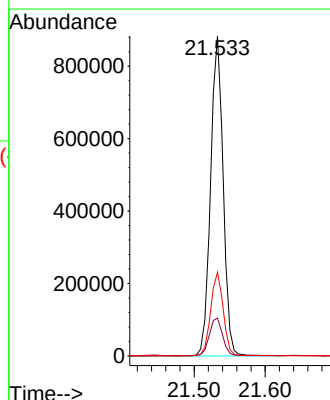
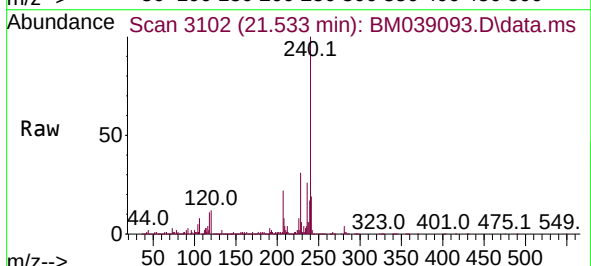
Tgt Ion:240 Resp: 1082288

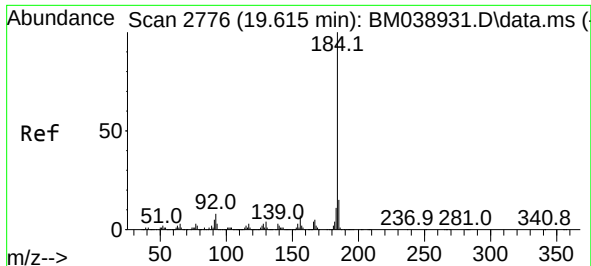
Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 26.1 20.8 31.2

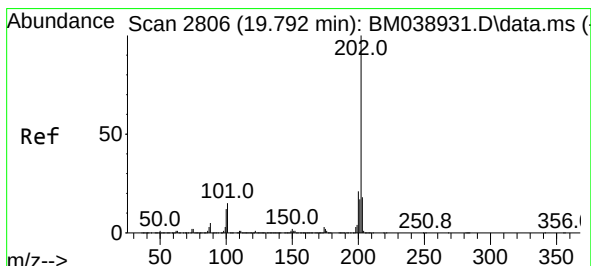
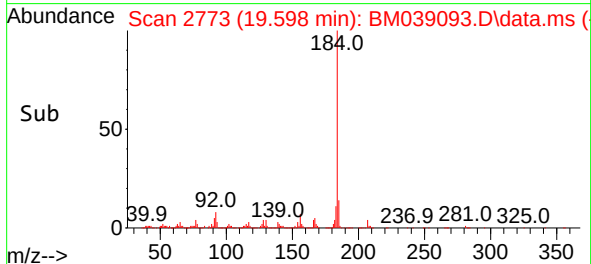
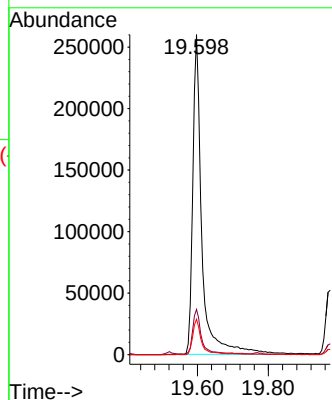
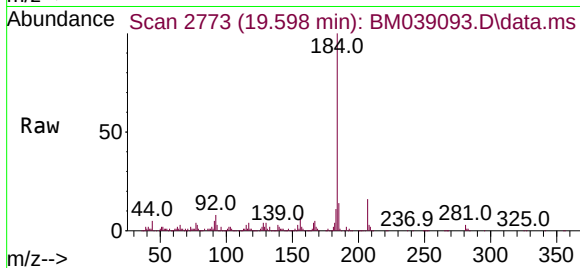




#77
Benzidine
Concen: 21.798 ng
RT: 19.598 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

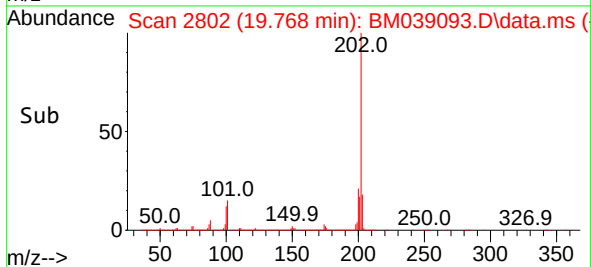
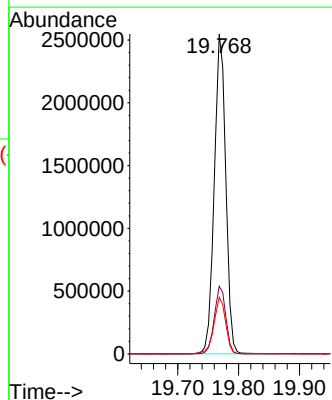
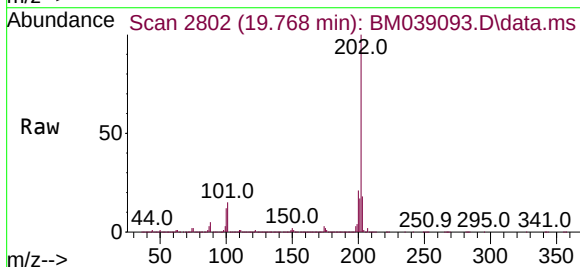
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

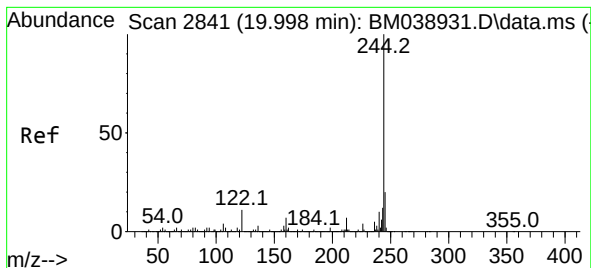
Tgt Ion:184 Resp: 464674
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.4
183 11.1 8.8 13.2



#78
Pyrene
Concen: 41.075 ng
RT: 19.768 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:202 Resp: 3338944
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 80.068 ng

RT: 19.974 min Scan# 2841

Delta R.T. 0.006 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

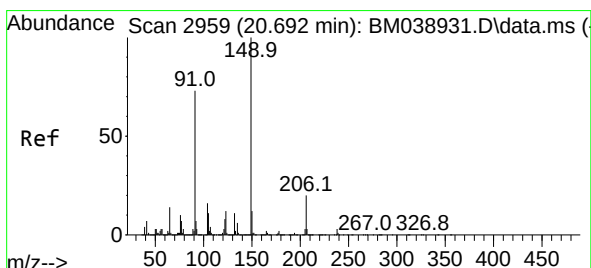
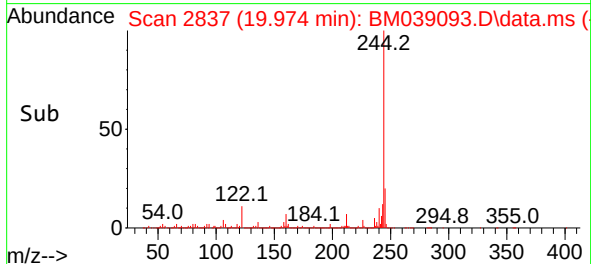
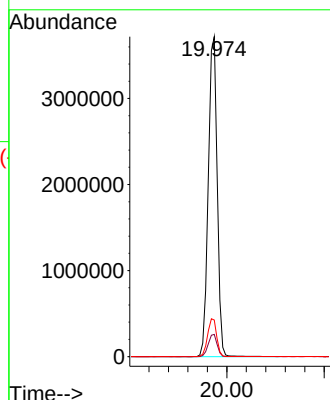
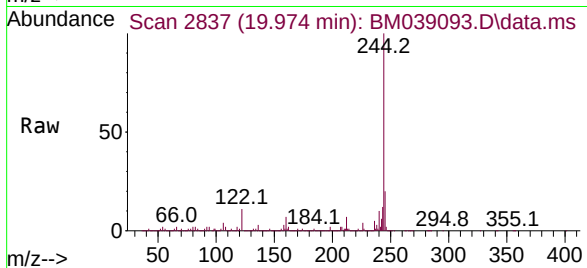
Tgt Ion:244 Resp: 4739669

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.4 9.0 13.4



#80

Butylbenzylphthalate

Concen: 40.930 ng

RT: 20.662 min Scan# 2954

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

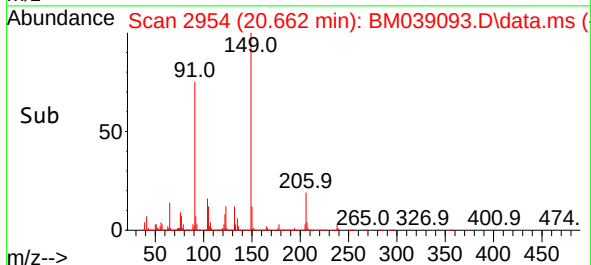
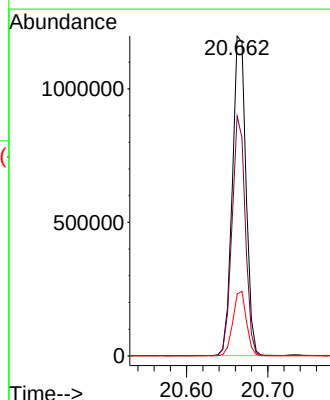
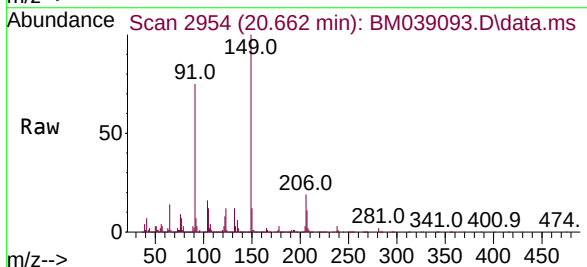
Tgt Ion:149 Resp: 1396585

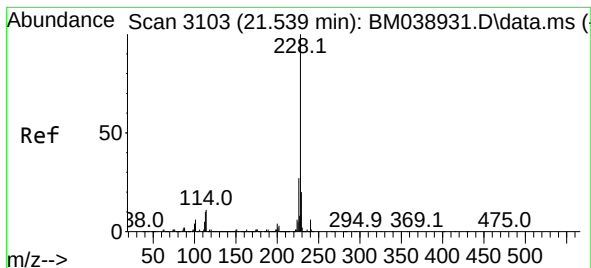
Ion Ratio Lower Upper

149 100

91 74.9 58.4 87.6

206 19.3 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.697 ng

RT: 21.515 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

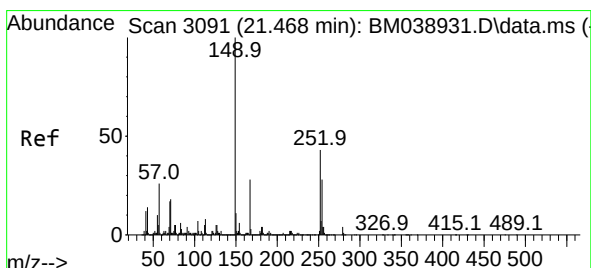
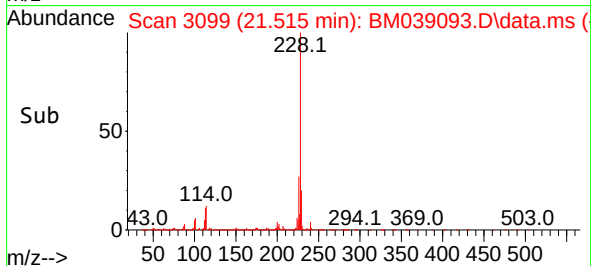
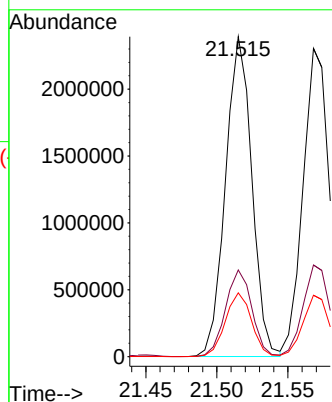
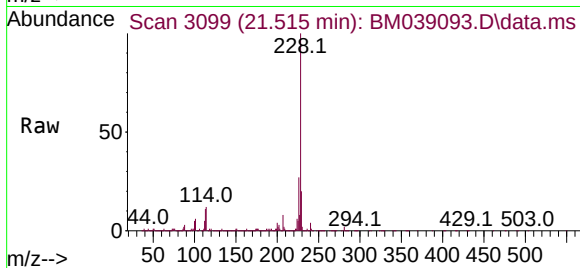
Tgt Ion:228 Resp: 3094000

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.019 ng

RT: 21.450 min Scan# 3088

Delta R.T. 0.006 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

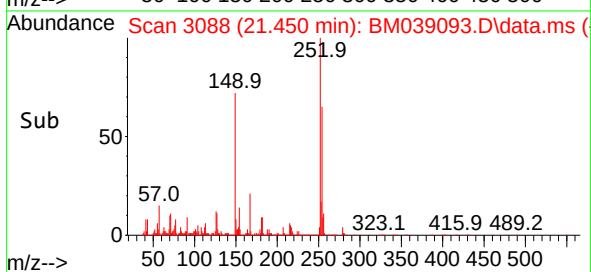
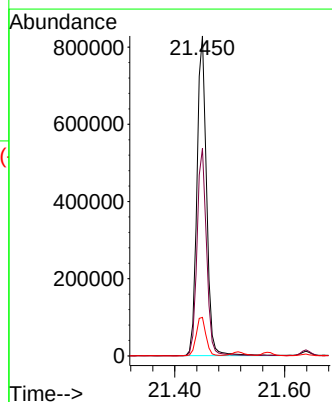
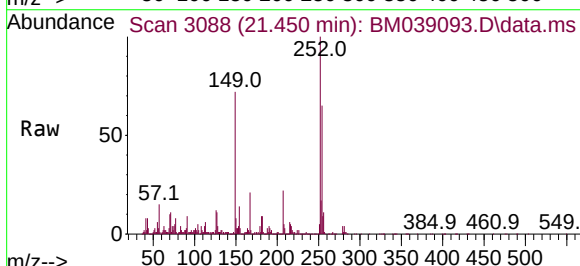
Tgt Ion:252 Resp: 1006526

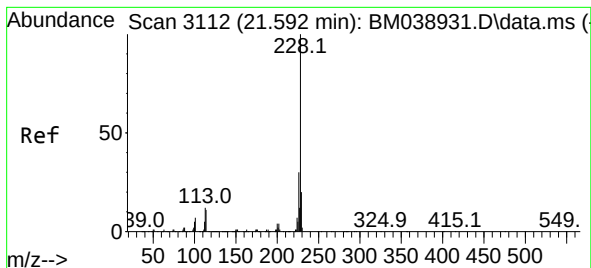
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 12.0 9.9 14.9





#83

Chrysene

Concen: 39.237 ng

RT: 21.568 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

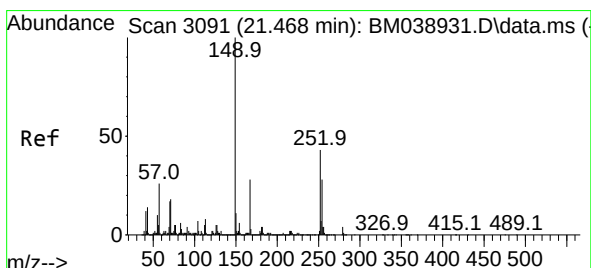
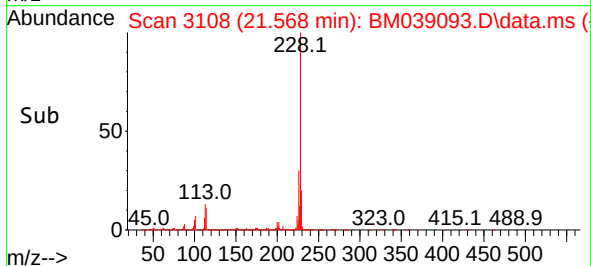
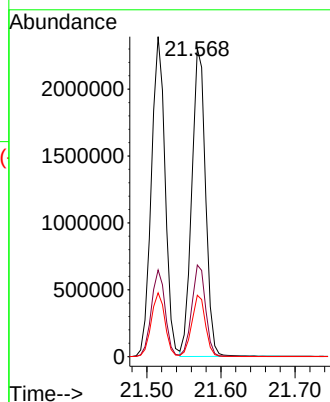
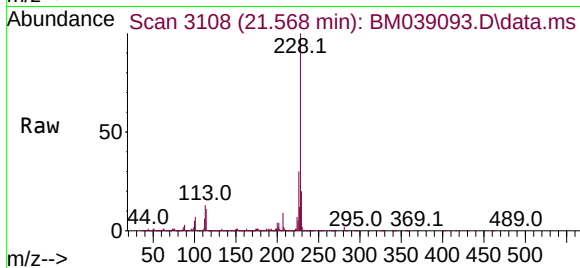
Tgt Ion:228 Resp: 2974320

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.280 ng

RT: 21.439 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

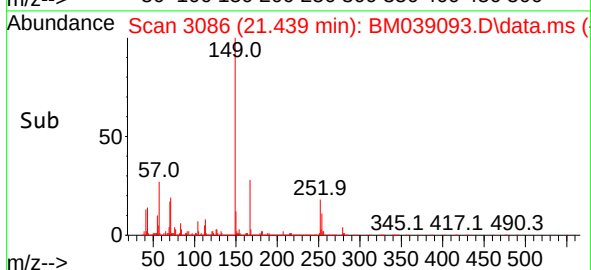
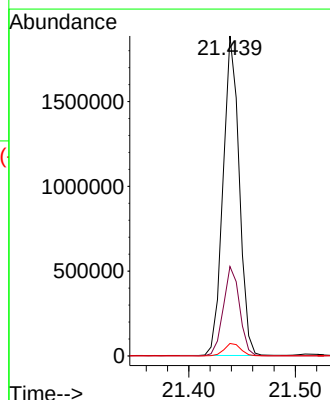
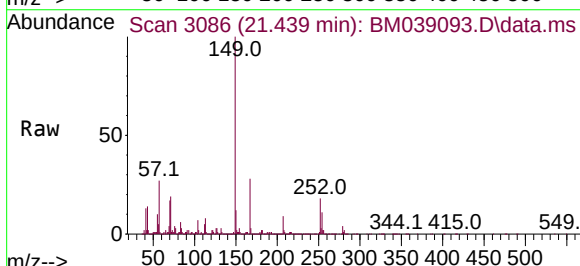
Tgt Ion:149 Resp: 1991945

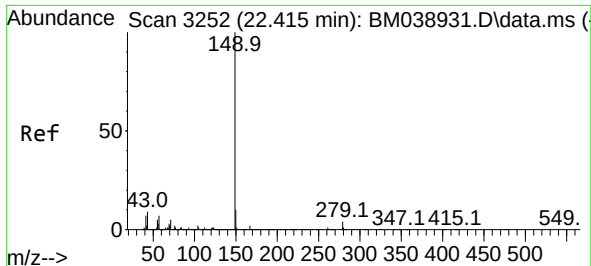
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 3.9 3.2 4.8

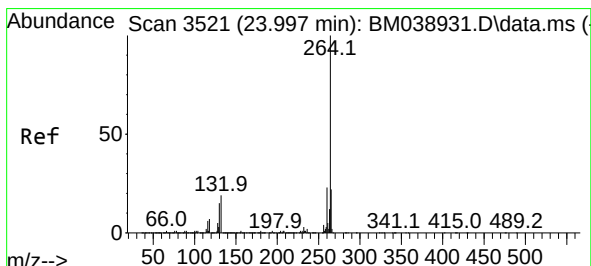
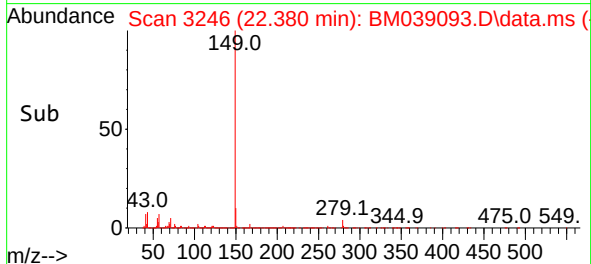
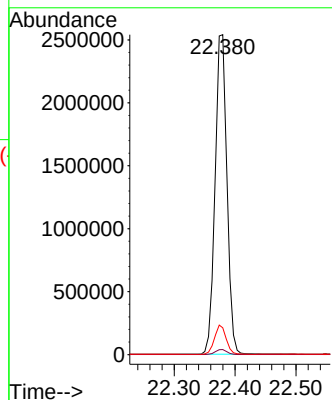
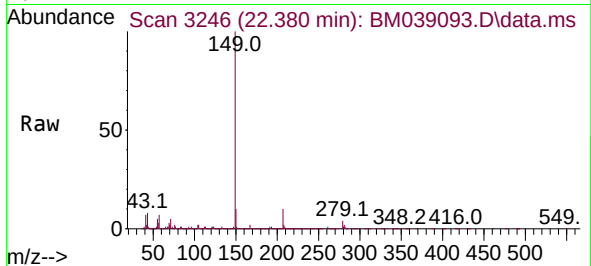




#85
Di-n-octyl phthalate
Concen: 41.911 ng
RT: 22.380 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

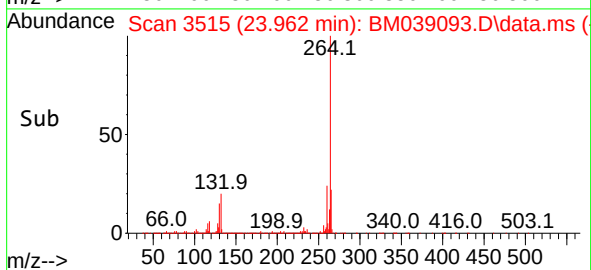
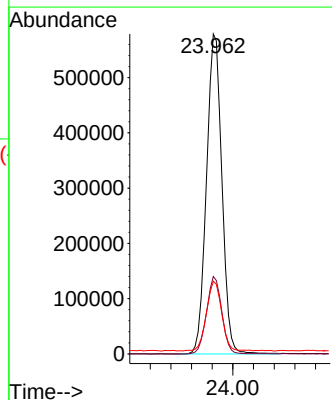
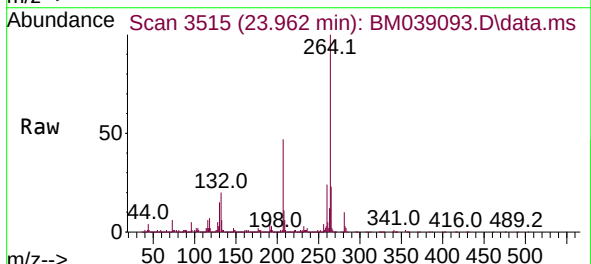
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

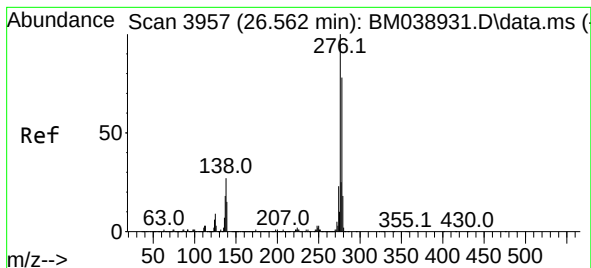
Tgt Ion:149 Resp: 3432495
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.9 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:264 Resp: 1198416
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 22.7 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.526 ng

RT: 26.497 min Scan# 3957

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

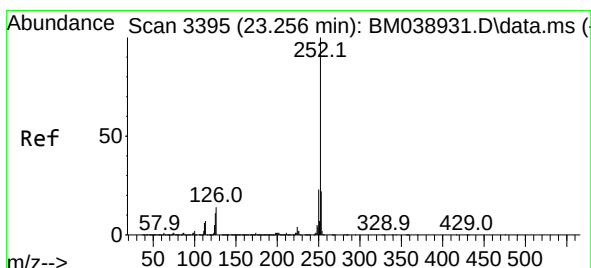
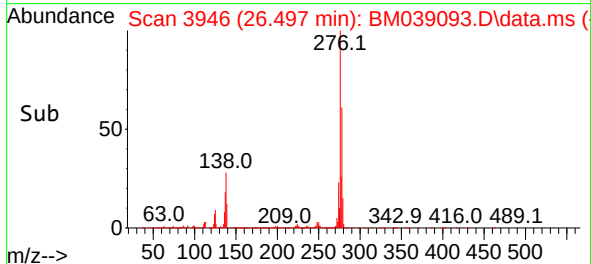
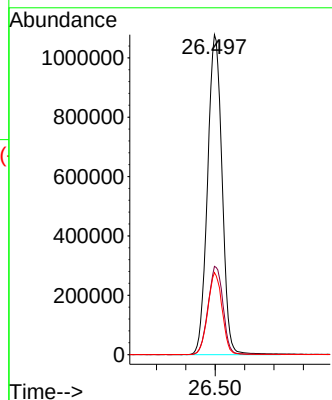
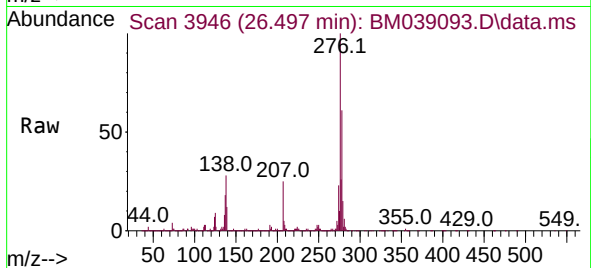
Tgt Ion:276 Resp: 3695576

Ion Ratio Lower Upper

276 100

138 28.3 22.1 33.1

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 38.851 ng

RT: 23.221 min Scan# 3389

Delta R.T. -0.000 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

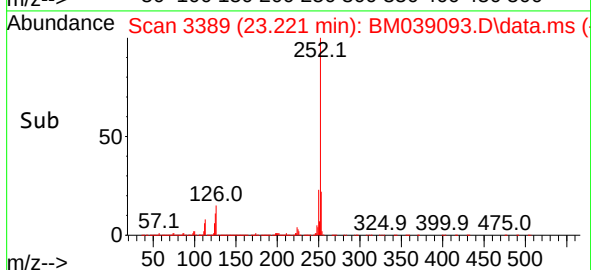
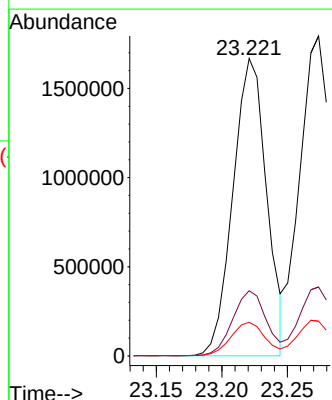
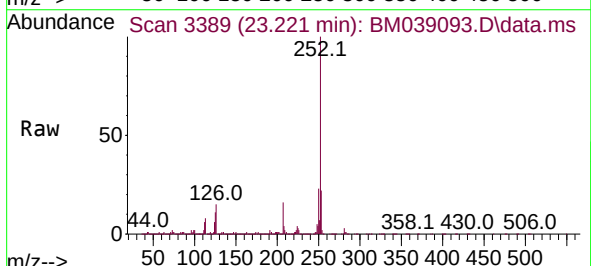
Tgt Ion:252 Resp: 2974515

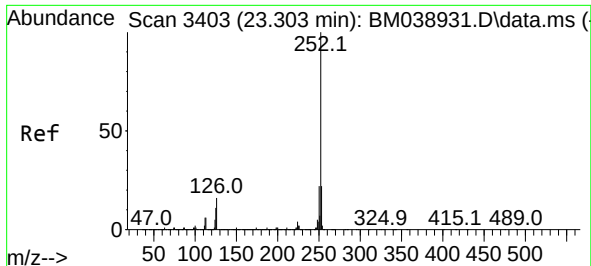
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.3 8.8 13.2

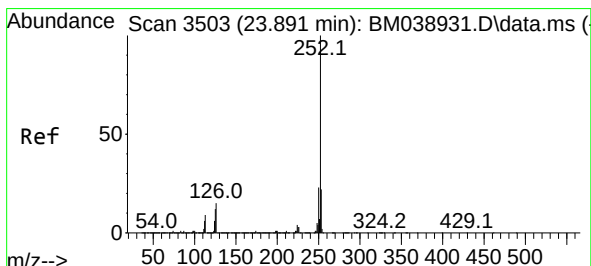
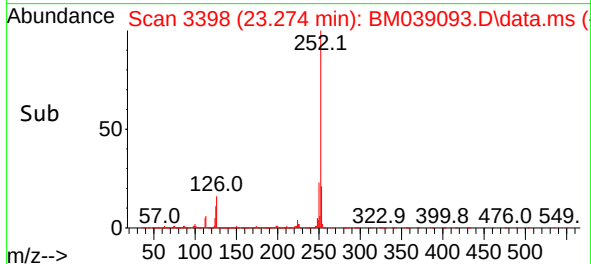
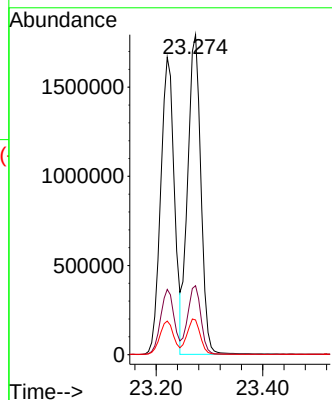
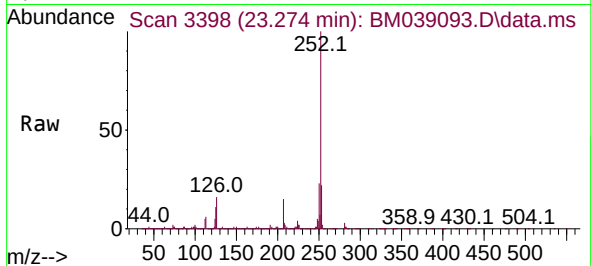




#89
Benzo(k)fluoranthene
Concen: 38.632 ng
RT: 23.274 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

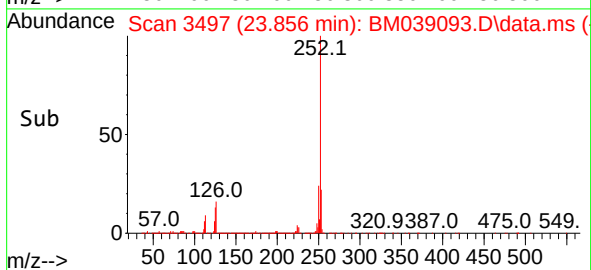
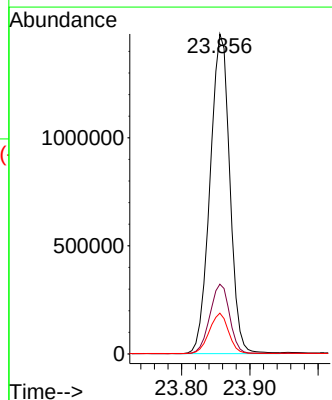
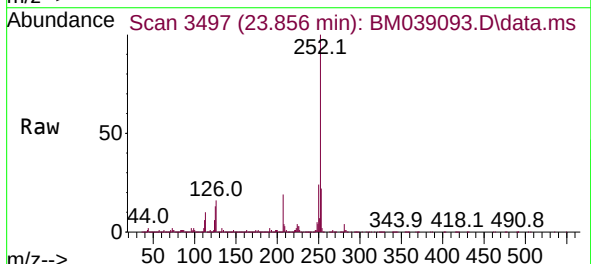
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

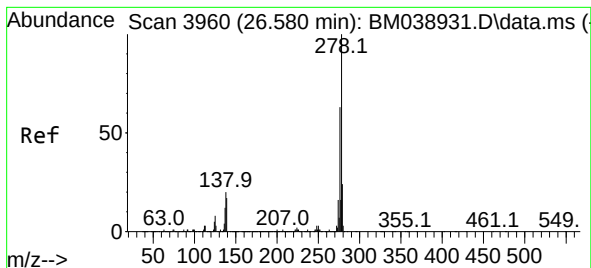
Tgt Ion:252 Resp: 3078126
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 40.168 ng
RT: 23.856 min Scan# 3497
Delta R.T. 0.000 min
Lab File: BM039093.D
Acq: 22 Mar 2023 15:33

Tgt Ion:252 Resp: 2959784
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.7 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 40.247 ng

RT: 26.515 min Scan# 39

Delta R.T. 0.006 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

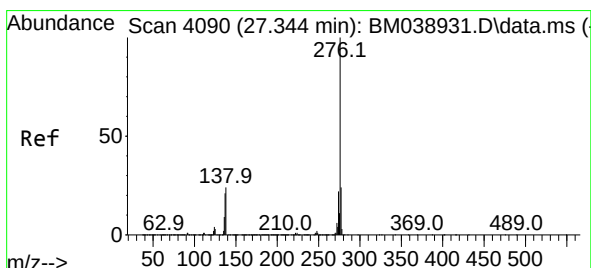
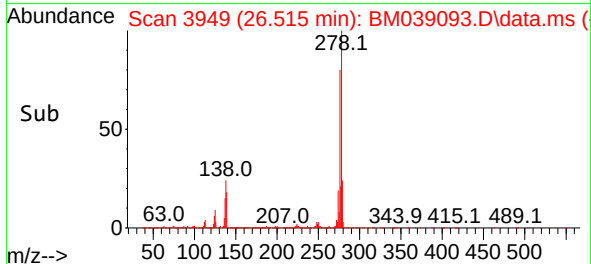
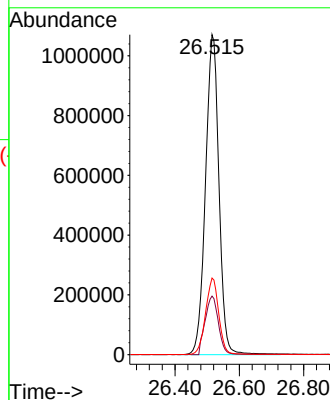
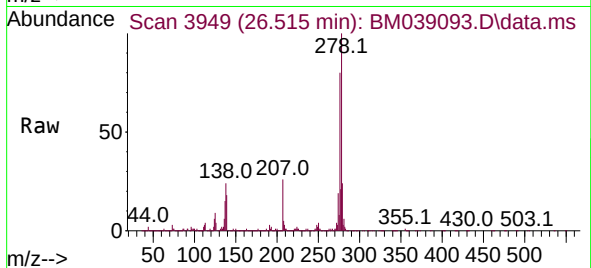
Tgt Ion:278 Resp: 3108197

Ion Ratio Lower Upper

278 100

139 18.3 13.7 20.5

279 23.9 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 40.561 ng

RT: 27.279 min Scan# 4079

Delta R.T. 0.006 min

Lab File: BM039093.D

Acq: 22 Mar 2023 15:33

Tgt Ion:276 Resp: 3064635

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 23.8 19.0 28.6

