

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039049.D
 Acq On : 20 Mar 2023 18:02
 Operator : CG/JU
 Sample : 01965-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1MS

Quant Time: Mar 21 01:46:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	330626	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1291751	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	681046	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	1261372	20.000	ng	0.00
76) Chrysene-d12	21.533	240	981824	20.000	ng	0.00
86) Perylene-d12	23.968	264	1198330	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2220151	102.020	ng	0.00
7) Phenol-d6	7.134	99	2923986	103.443	ng	0.00
23) Nitrobenzene-d5	9.139	82	1774603	67.482	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	709903	90.105	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	3419091	65.355	ng	0.00
79) Terphenyl-d14	19.974	244	3865095	71.975	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	403074	41.634	ng	99
3) Pyridine	3.798	79	1057470	39.384	ng	97
4) n-Nitrosodimethylamine	3.710	42	493317	45.150	ng	99
6) Aniline	7.298	93	956473	25.771	ng	99
8) 2-Chlorophenol	7.534	128	1098756	47.425	ng	100
9) Benzaldehyde	7.104	77	854059	63.494	ng	99
10) Phenol	7.163	94	1432022	47.706	ng	99
11) bis(2-Chloroethyl)ether	7.392	93	1100538	45.095	ng	98
12) 1,3-Dichlorobenzene	7.863	146	1161182	47.161	ng	99
13) 1,4-Dichlorobenzene	8.010	146	1188313	47.455	ng	100
14) 1,2-Dichlorobenzene	8.328	146	1131783	46.922	ng	99
15) Benzyl Alcohol	8.216	79	967398	47.749	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1466135	47.568	ng	99
17) 2-Methylphenol	8.416	107	903027	43.793	ng	99
18) Hexachloroethane	9.057	117	449014	48.600	ng	99
19) n-Nitroso-di-n-propyla...	8.786	70	828596	46.540	ng	99
20) 3+4-Methylphenols	8.745	107	1187913	43.145	ng	99
22) Acetophenone	8.804	105	1625102	44.841	ng	# 99
24) Nitrobenzene	9.186	77	1217422	44.045	ng	99
25) Isophorone	9.716	82	2192045	45.297	ng	100
26) 2-Nitrophenol	9.898	139	557905	45.856	ng	97
27) 2,4-Dimethylphenol	9.957	122	983294	46.633	ng	99
28) bis(2-Chloroethoxy)met...	10.198	93	1388176	44.645	ng	100
29) 2,4-Dichlorophenol	10.433	162	915985	45.820	ng	99
30) 1,2,4-Trichlorobenzene	10.651	180	968088	44.315	ng	99
31) Naphthalene	10.839	128	3171786	43.061	ng	100
32) Benzoic acid	10.086	122	716370	46.507	ng	98
33) 4-Chloroaniline	10.945	127	229788	7.320	ng	98
34) Hexachlorobutadiene	11.122	225	544711	43.481	ng	99
35) Caprolactam	11.739	113	280676	46.131	ng	97
36) 4-Chloro-3-methylphenol	12.069	107	958955	45.048	ng	97
37) 2-Methylnaphthalene	12.445	142	2064079	41.809	ng	99
38) 1-Methylnaphthalene	12.663	142	1924105	41.588	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	996915	45.027	ng	99
41) Hexachlorocyclopentadiene	12.792	237	1287567	105.946	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	667561	46.562	ng	99

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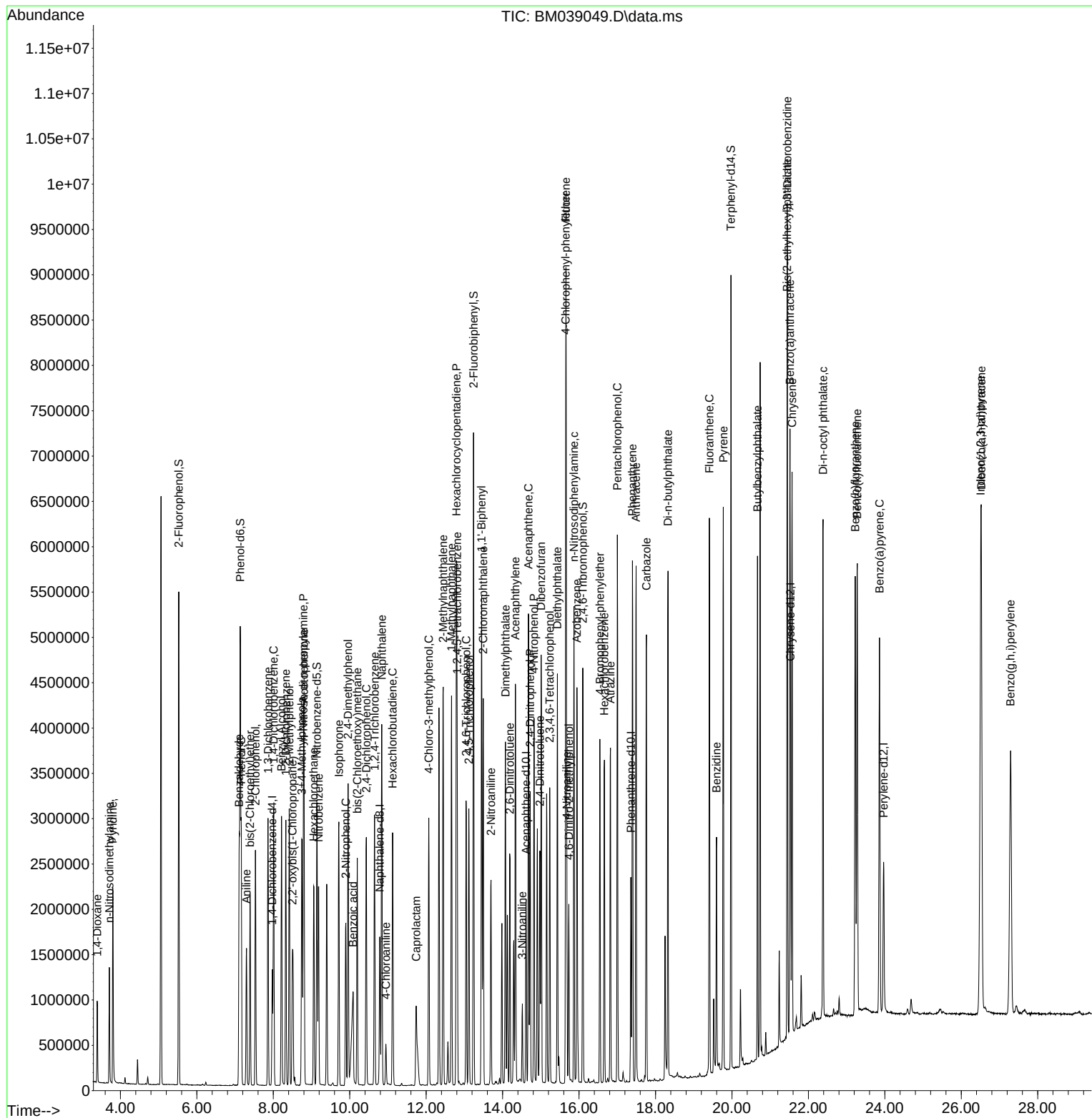
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	705568	42.044	ng	100
46) 1,1'-Biphenyl	13.451	154	2633734	45.648	ng	100
47) 2-Chloronaphthalene	13.492	162	1971137	45.306	ng	100
48) 2-Nitroaniline	13.698	65	619480	44.634	ng	98
49) Acenaphthylene	14.333	152	3080399	44.450	ng	100
50) Dimethylphthalate	14.074	163	2288349	43.666	ng	100
51) 2,6-Dinitrotoluene	14.192	165	492747	42.682	ng	99
52) Acenaphthene	14.674	154	1849600	43.428	ng	99
53) 3-Nitroaniline	14.515	138	201824	15.992	ng	98
54) 2,4-Dinitrophenol	14.721	184	590722	88.114	ng	97
55) Dibenzofuran	15.009	168	2828416	42.439	ng	99
56) 4-Nitrophenol	14.821	139	968497	93.053	ng	97
57) 2,4-Dinitrotoluene	14.974	165	657682	43.330	ng	99
58) Fluorene	15.657	166	2265656	43.398	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	578430	44.693	ng	99
60) Diethylphthalate	15.433	149	2302702	45.159	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1095571	42.717	ng	97
62) 4-Nitroaniline	15.680	138	523048	38.295	ng	99
63) Azobenzene	15.945	77	2567395	47.584	ng	100
65) 4,6-Dinitro-2-methylph...	15.733	198	357118	43.603	ng	99
66) n-Nitrosodiphenylamine	15.868	169	1909209	44.898	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	616766	45.270	ng	95
68) Hexachlorobenzene	16.662	284	689851	45.294	ng	98
69) Atrazine	16.821	200	606854	52.247	ng	99
70) Pentachlorophenol	17.003	266	928320	82.871	ng	99
71) Phenanthrene	17.398	178	3244774	43.830	ng	100
72) Anthracene	17.492	178	3286313	44.513	ng	100
73) Carbazole	17.762	167	3012769	44.714	ng	99
74) Di-n-butylphthalate	18.327	149	3864720	47.063	ng	99
75) Fluoranthene	19.409	202	3304559	42.277	ng	98
77) Benzidine	19.597	184	1390223	60.685	ng	98
78) Pyrene	19.774	202	3479607	47.186	ng	99
80) Butylbenzylphthalate	20.668	149	1572229	49.994	ng	96
81) Benzo(a)anthracene	21.521	228	3164267	44.752	ng	100
82) 3,3'-Dichlorobenzidine	21.450	252	824998	37.965	ng	99
83) Chrysene	21.574	228	2973140	43.235	ng	100
84) Bis(2-ethylhexyl)phtha...	21.444	149	2319432	50.997	ng	99
85) Di-n-octyl phthalate	22.386	149	3851895	50.945	ng	99
87) Indeno(1,2,3-cd)pyrene	26.509	276	4548421	49.882	ng	99
88) Benzo(b)fluoranthene	23.227	252	3361131	43.903	ng	99
89) Benzo(k)fluoranthene	23.280	252	3422389	42.955	ng	100
90) Benzo(a)pyrene	23.862	252	3136285	42.566	ng	99
91) Dibenzo(a,h)anthracene	26.526	278	3813963	49.390	ng	98
92) Benzo(g,h,i)perylene	27.291	276	3743828	49.554	ng	99

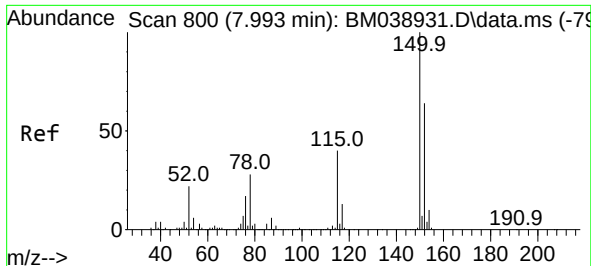
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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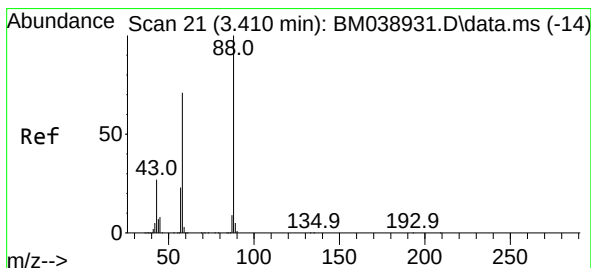
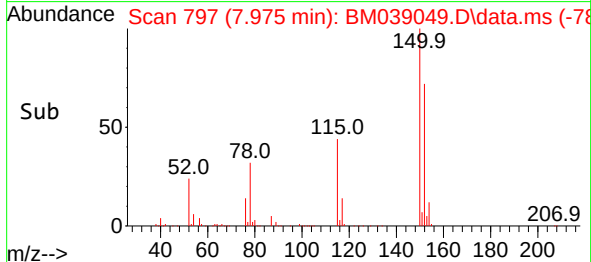
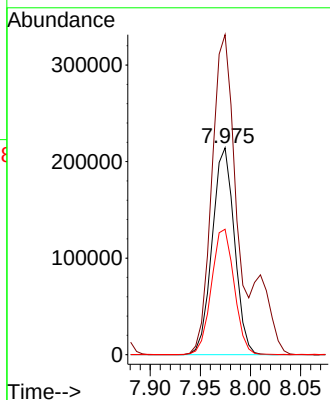
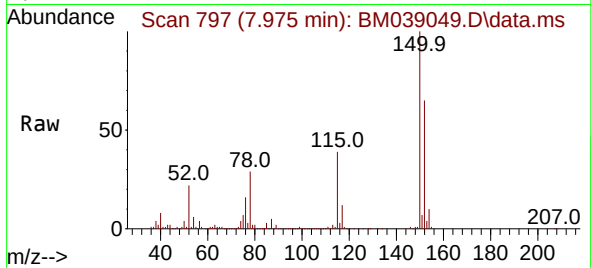




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM039049.D
 Acq: 20 Mar 2023 18:02

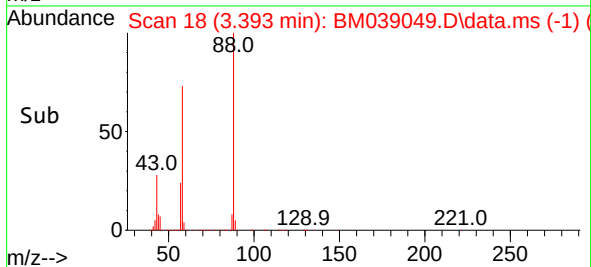
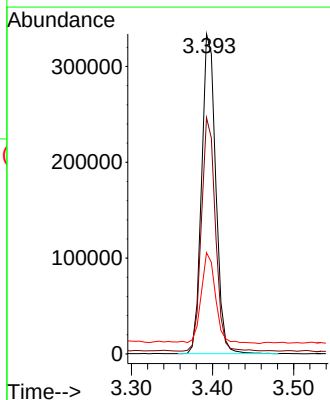
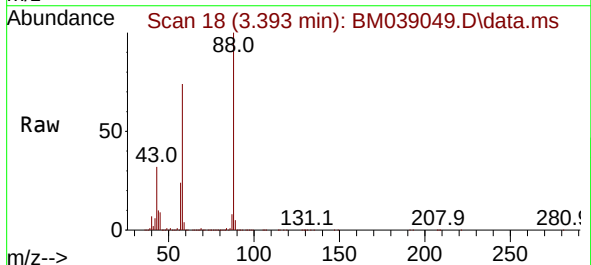
Instrument :
 BNA_M
 ClientSampleId :
 COMP-1MS

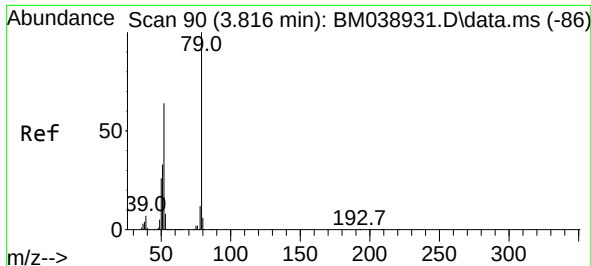
Tgt Ion:152 Resp: 330626
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.1 187.7
 115 60.7 49.6 74.4



#2
 1,4-Dioxane
 Concen: 41.634 ng
 RT: 3.393 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BM039049.D
 Acq: 20 Mar 2023 18:02

Tgt Ion: 88 Resp: 403074
 Ion Ratio Lower Upper
 88 100
 58 72.2 57.2 85.8
 43 29.0 22.0 33.0



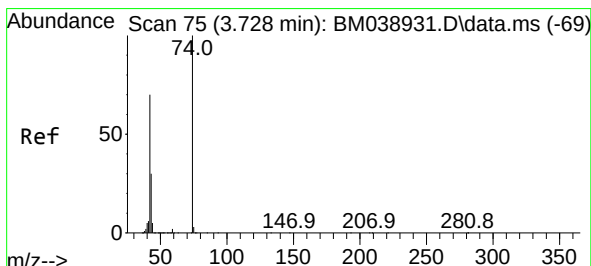
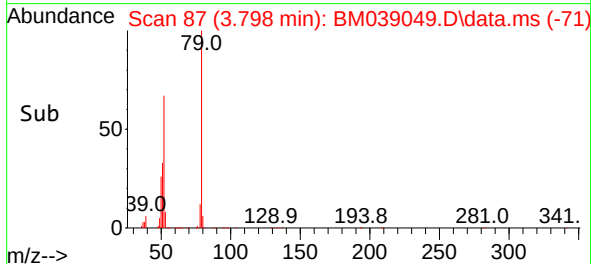
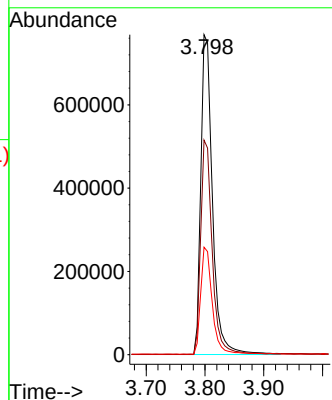
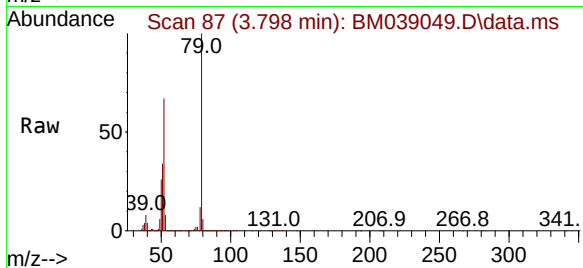


#3
 Pyridine
 Concen: 39.384 ng
 RT: 3.798 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM039049.D
 Acq: 20 Mar 2023 18:02

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1MS

Tgt Ion: 79 Resp: 1057470

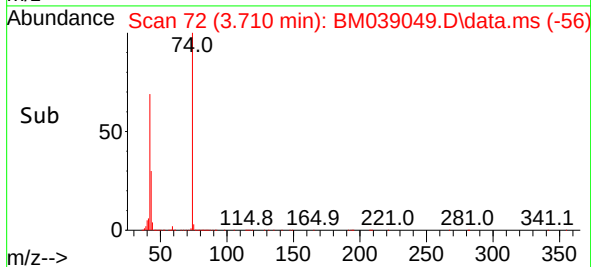
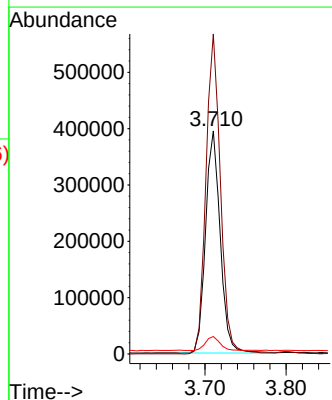
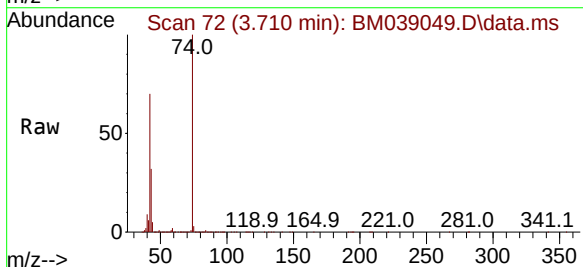
Ion	Ratio	Lower	Upper
79	100		
52	67.1	51.4	77.2
51	33.6	26.6	40.0

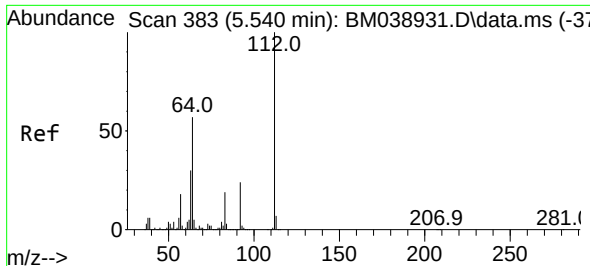


#4
 n-Nitrosodimethylamine
 Concen: 45.150 ng
 RT: 3.710 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM039049.D
 Acq: 20 Mar 2023 18:02

Tgt Ion: 42 Resp: 493317

Ion	Ratio	Lower	Upper
42	100		
74	143.5	113.8	170.8
44	7.8	6.2	9.2

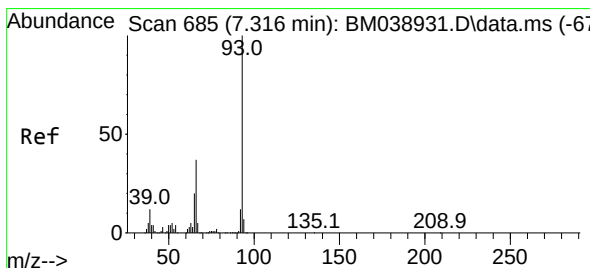
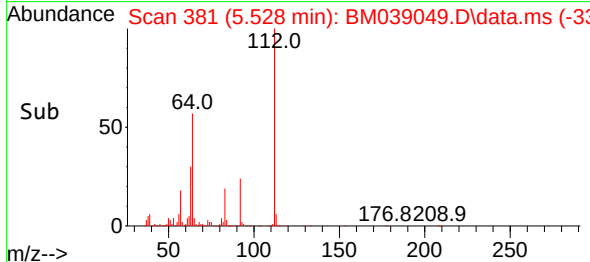
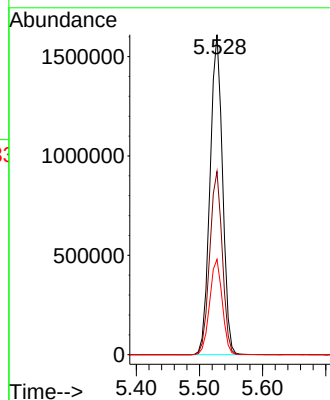
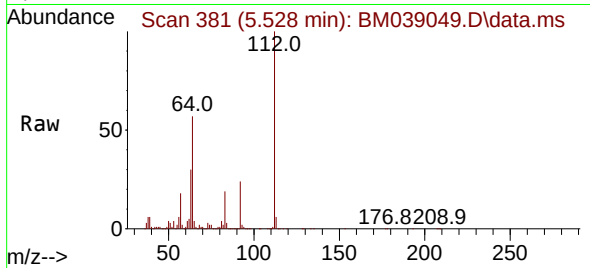




#5
2-Fluorophenol
Concen: 102.020 ng
RT: 5.528 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

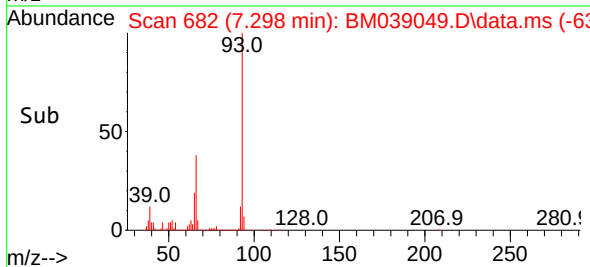
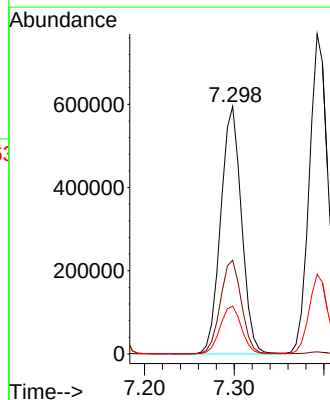
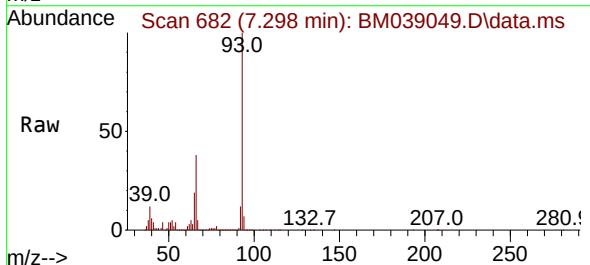
Instrument :
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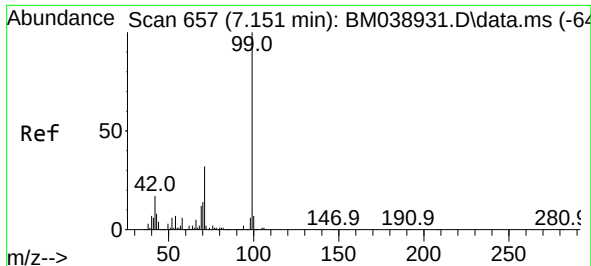
Tgt Ion:112 Resp: 2220151
Ion Ratio Lower Upper
112 100
64 57.2 45.9 68.9
63 29.8 23.8 35.8



#6
Aniline
Concen: 25.771 ng
RT: 7.298 min Scan# 682
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion: 93 Resp: 956473
Ion Ratio Lower Upper
93 100
66 37.9 30.0 45.0
65 19.4 15.8 23.6

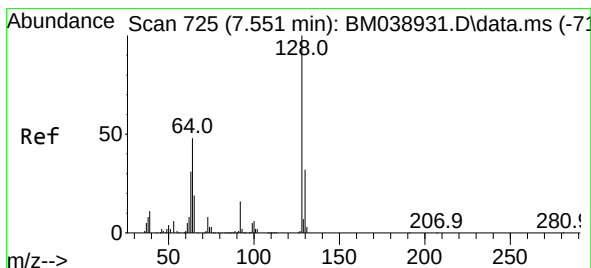
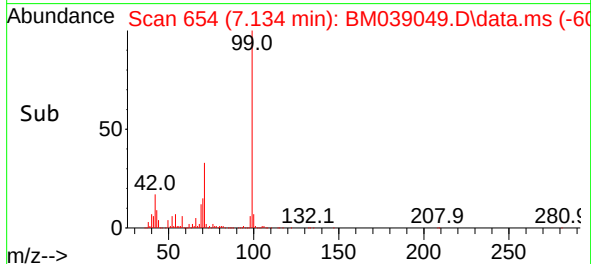
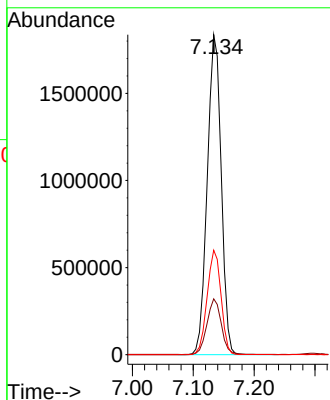
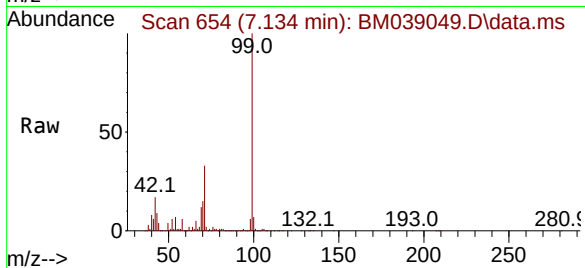




#7
Phenol-d6
Concen: 103.443 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039049.D
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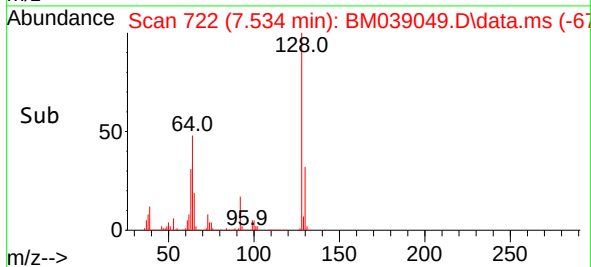
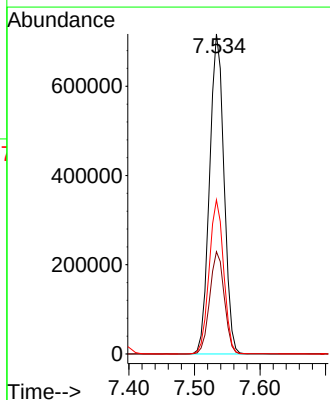
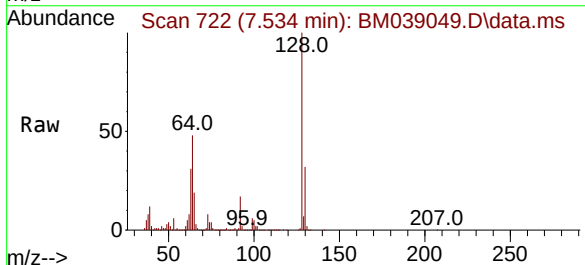
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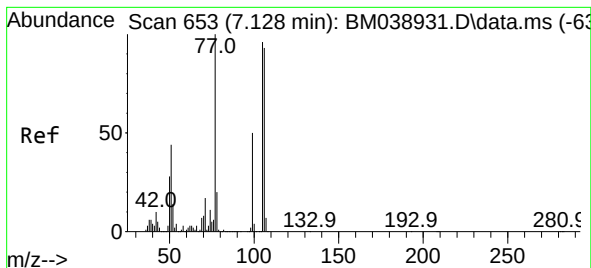
Tgt Ion: 99 Resp: 2923986
Ion Ratio Lower Upper
99 100
42 17.4 13.5 20.3
71 32.6 25.6 38.4



#8
2-Chlorophenol
Concen: 47.425 ng
RT: 7.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:128 Resp: 1098756
Ion Ratio Lower Upper
128 100
130 32.0 11.9 51.9
64 48.1 28.6 68.6





#9

Benzaldehyde

Concen: 63.494 ng

RT: 7.104 min Scan# 649

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

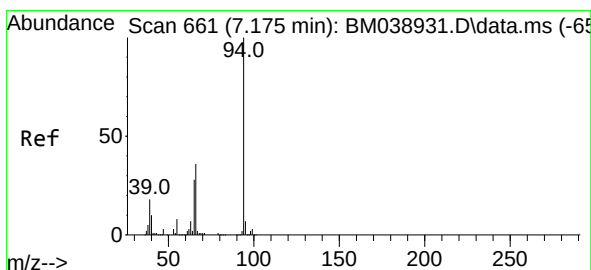
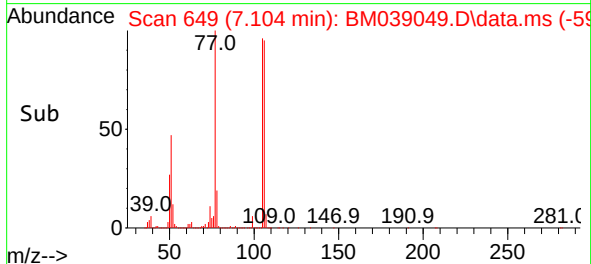
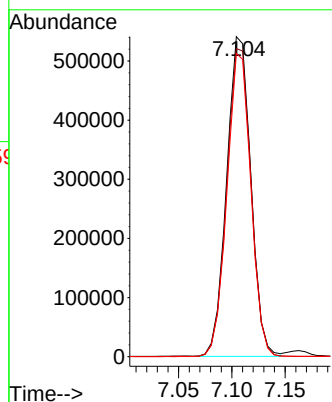
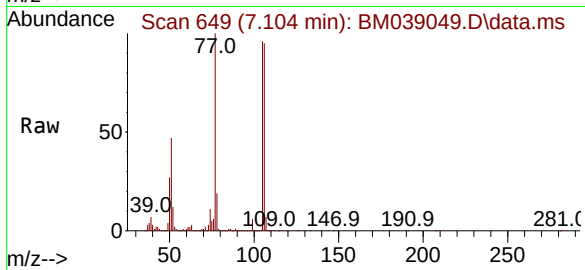
Tgt Ion: 77 Resp: 854059

Ion Ratio Lower Upper

77 100

105 96.3 75.8 115.8

106 94.7 72.6 112.6



#10

Phenol

Concen: 47.706 ng

RT: 7.163 min Scan# 659

Delta R.T. -0.000 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

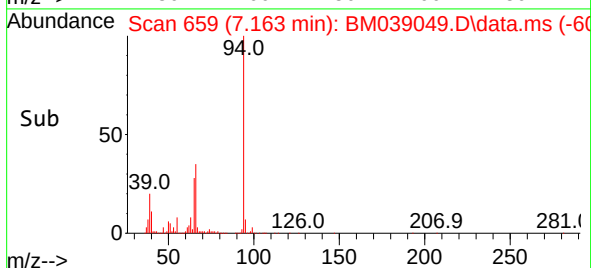
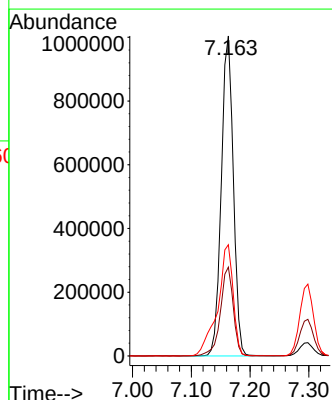
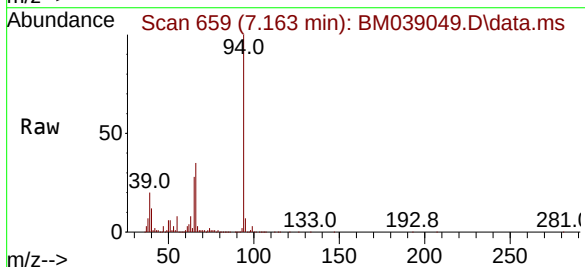
Tgt Ion: 94 Resp: 1432022

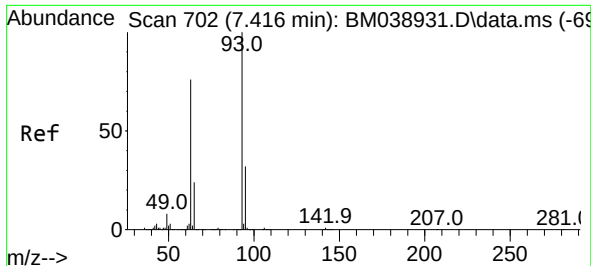
Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

66 34.8 15.8 55.8

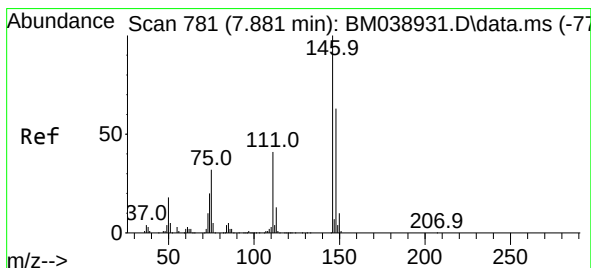
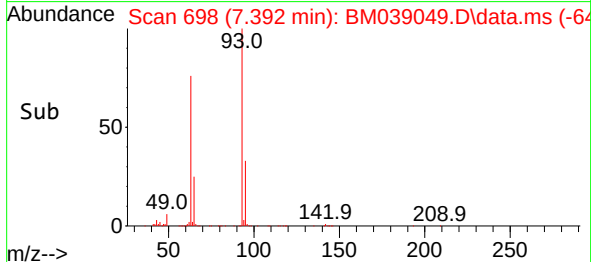
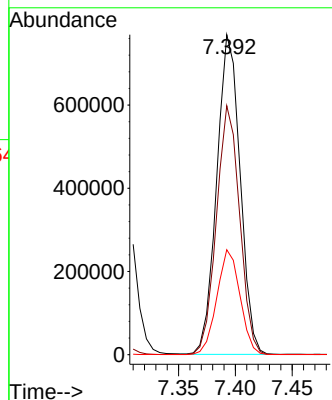
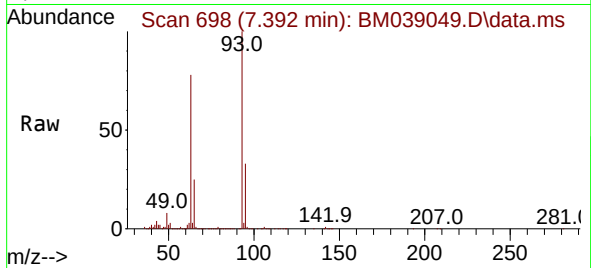




#11
bis(2-Chloroethyl)ether
Concen: 45.095 ng
RT: 7.392 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

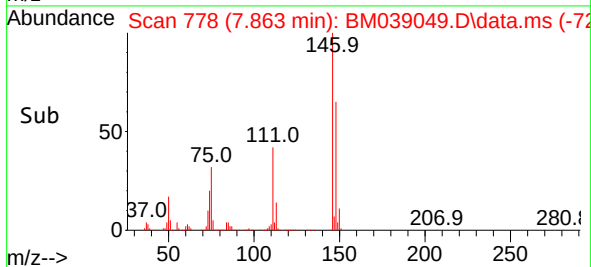
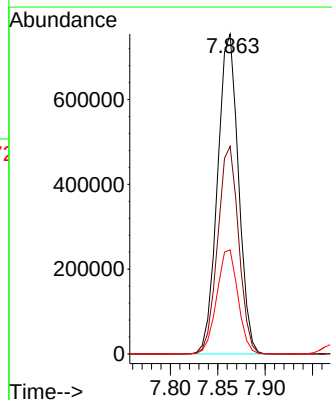
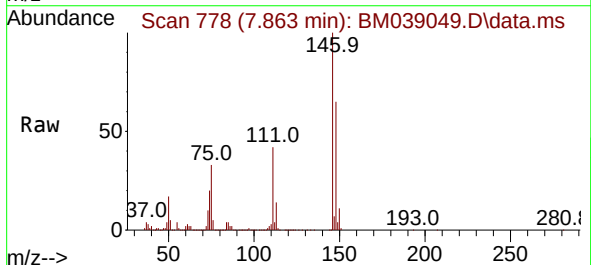
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

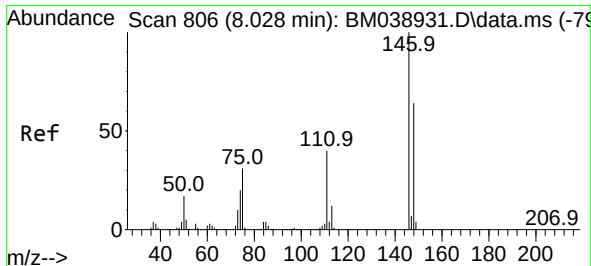
Tgt Ion: 93 Resp: 1100538
Ion Ratio Lower Upper
93 100
63 77.8 55.8 95.8
95 32.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 47.161 ng
RT: 7.863 min Scan# 778
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:146 Resp: 1161182
Ion Ratio Lower Upper
146 100
148 64.9 50.6 75.8
75 32.5 26.0 39.0

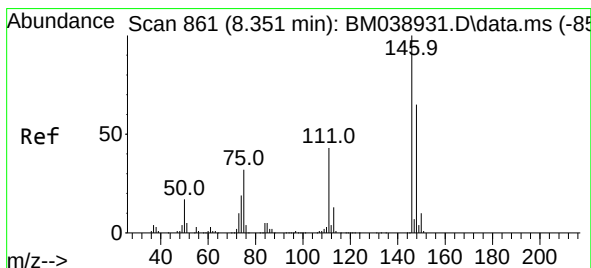
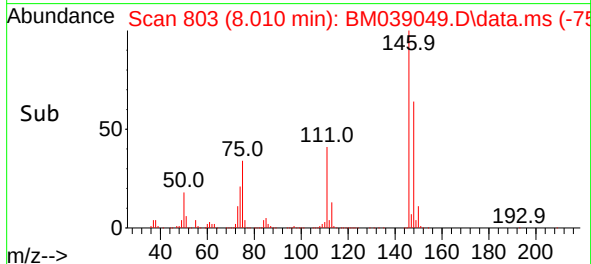
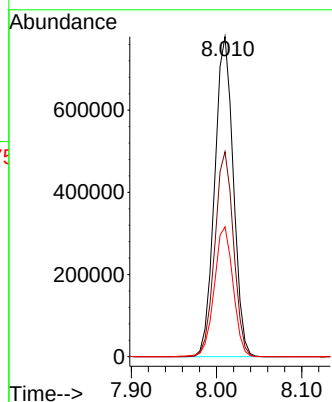
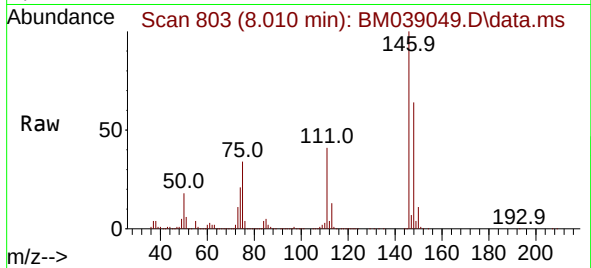




#13
1,4-Dichlorobenzene
Concen: 47.455 ng
RT: 8.010 min Scan# 801
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

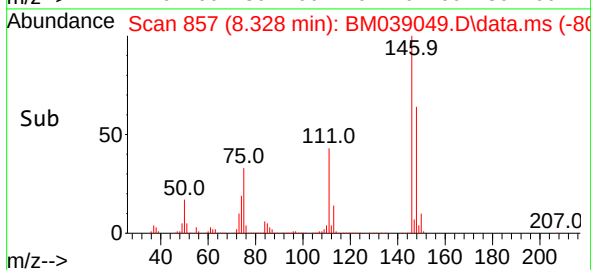
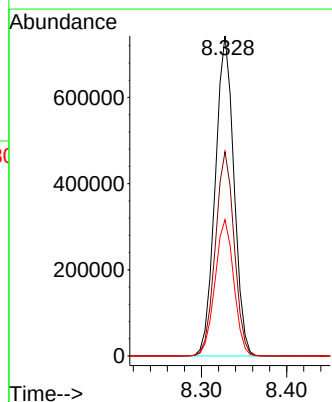
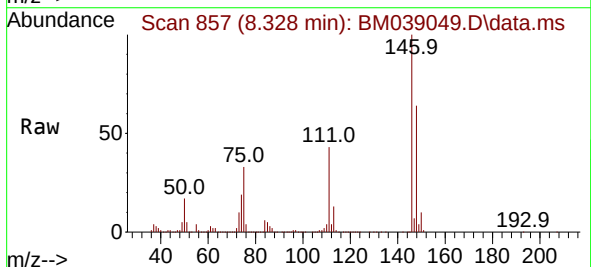
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

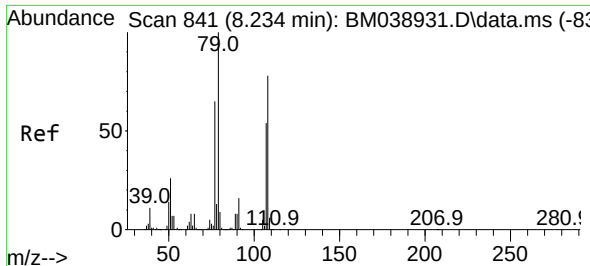
Tgt Ion:146 Resp: 1188313
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
111 40.6 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 46.922 ng
RT: 8.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:146 Resp: 1131783
Ion Ratio Lower Upper
146 100
148 63.8 51.7 77.5
111 42.6 34.2 51.4

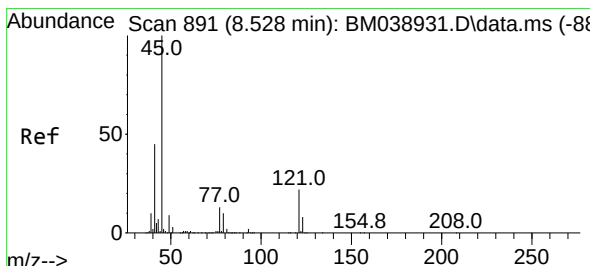
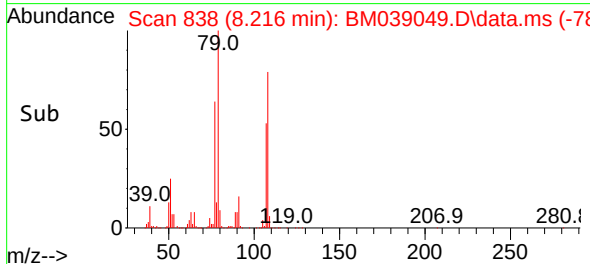
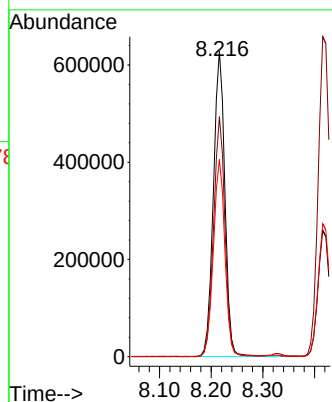
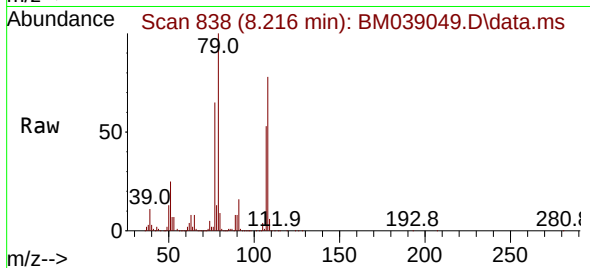




#15
Benzyl Alcohol
Concen: 47.749 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

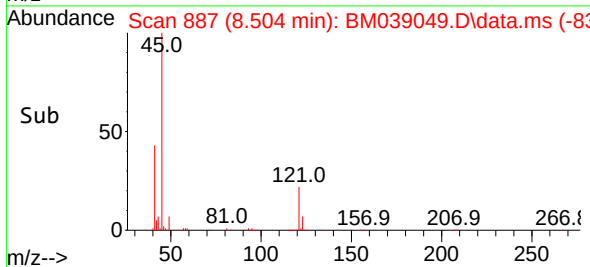
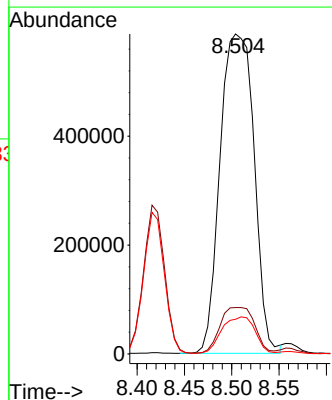
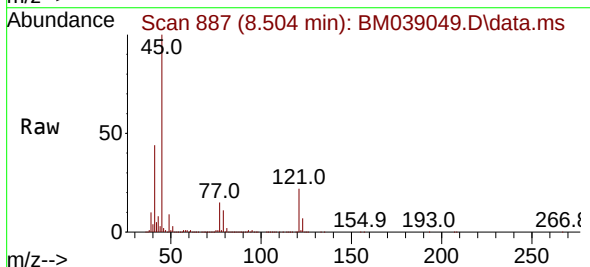
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

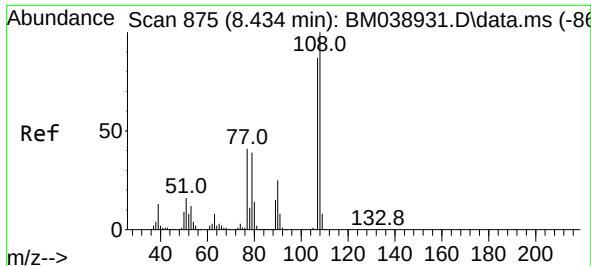
Tgt Ion: 79 Resp: 967398
Ion Ratio Lower Upper
79 100
108 78.5 62.4 93.6
77 64.5 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.568 ng
RT: 8.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion: 45 Resp: 1466135
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.8
79 10.9 0.0 31.5

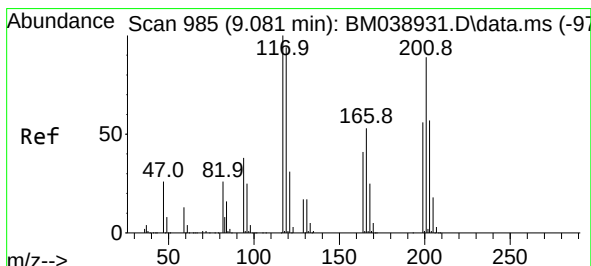
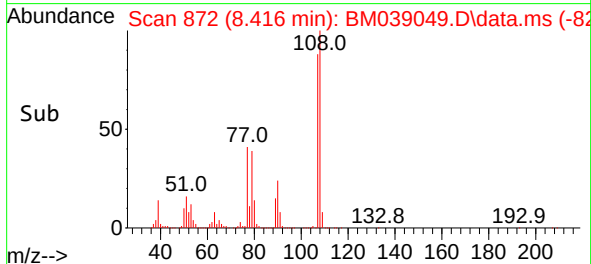
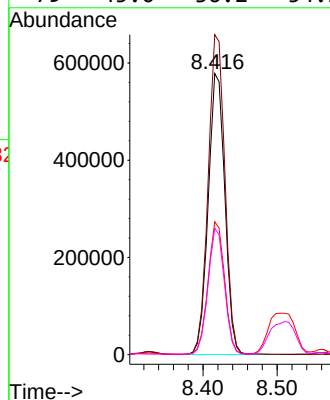
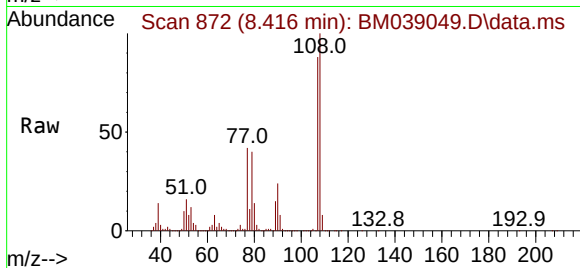




#17
2-Methylphenol
Concen: 43.793 ng
RT: 8.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

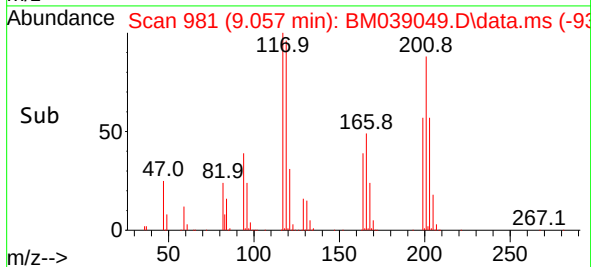
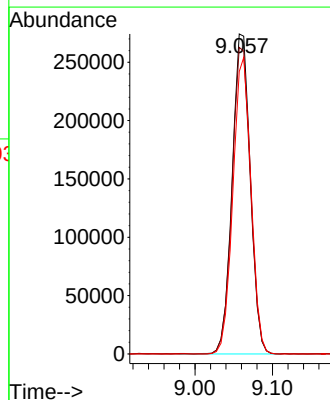
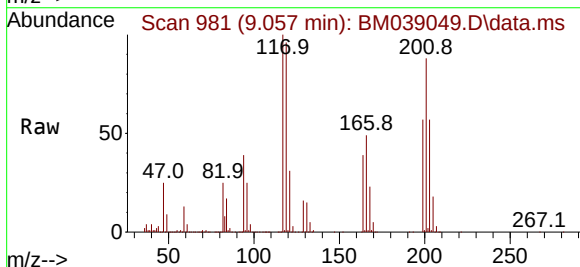
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

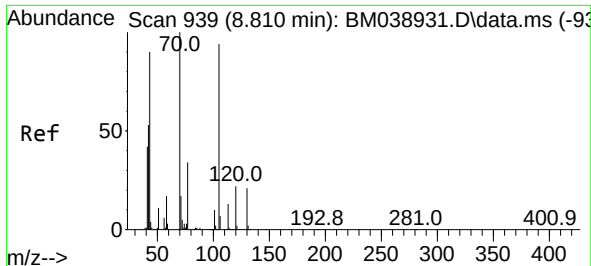
Tgt Ion:107 Resp: 903027
Ion Ratio Lower Upper
107 100
108 113.8 91.7 137.5
77 47.3 37.4 56.2
79 45.0 36.2 54.2



#18
Hexachloroethane
Concen: 48.600 ng
RT: 9.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:117 Resp: 449014
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.0
201 88.2 71.3 106.9





#19

n-Nitroso-di-n-propylamine

Concen: 46.540 ng

RT: 8.786 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM039049.D

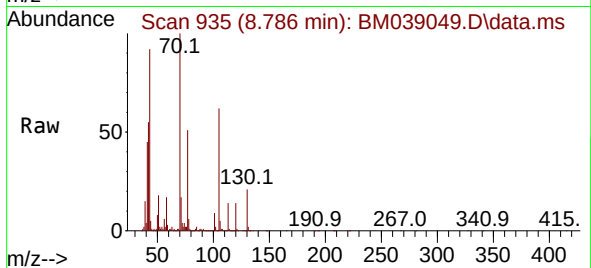
Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS



Tgt Ion: 70 Resp: 828596

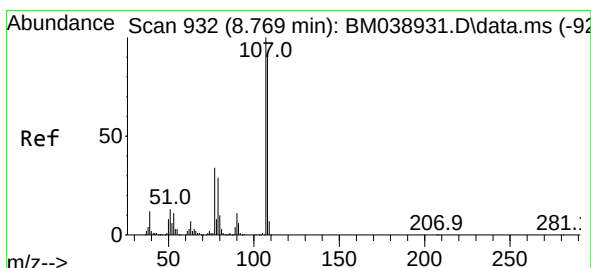
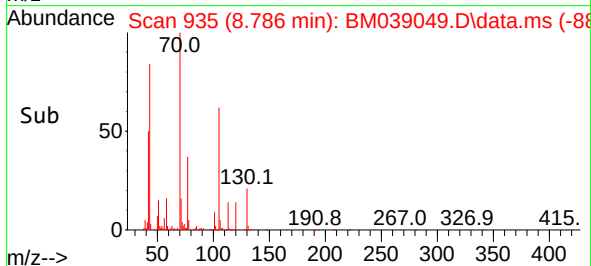
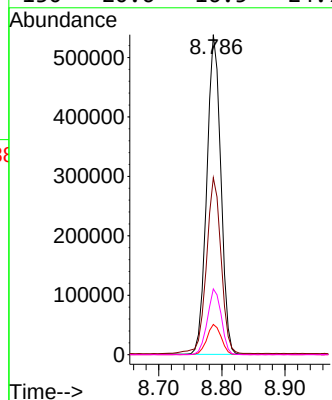
Ion Ratio Lower Upper

70 100

42 55.3 43.4 65.2

101 9.5 7.6 11.4

130 20.6 16.5 24.7



#20

3+4-Methylphenols

Concen: 43.145 ng

RT: 8.745 min Scan# 928

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Tgt Ion: 107 Resp: 1187913

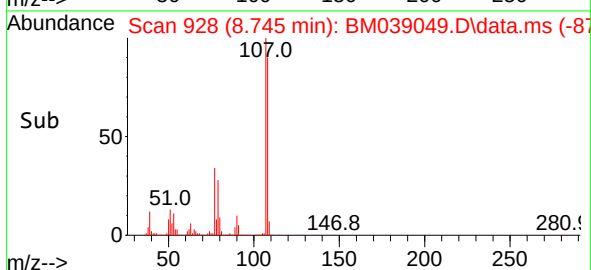
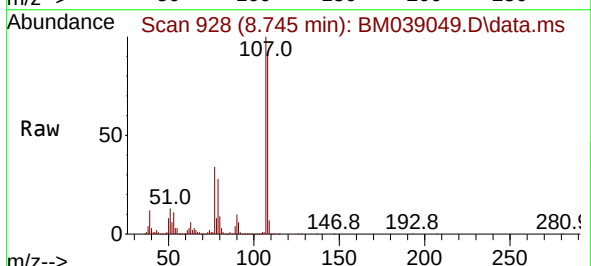
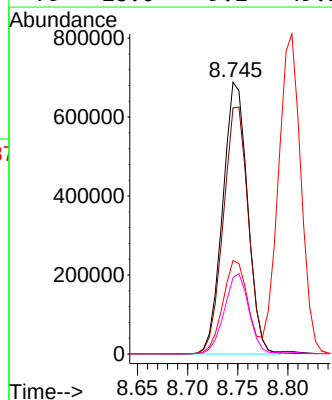
Ion Ratio Lower Upper

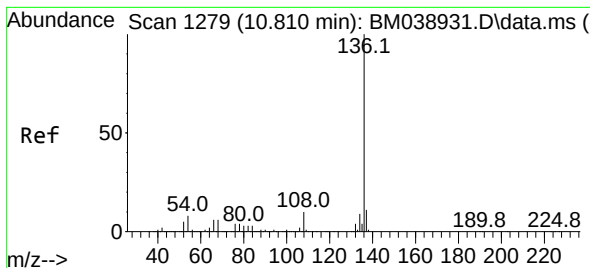
107 100

108 90.5 71.8 111.8

77 34.4 13.6 53.6

79 28.0 9.2 49.2



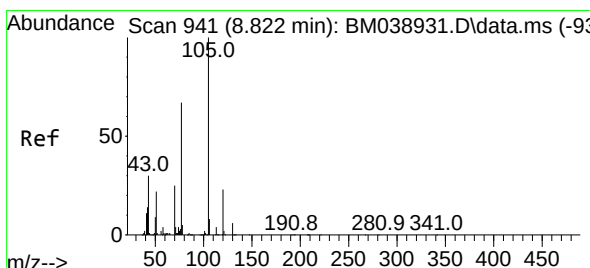
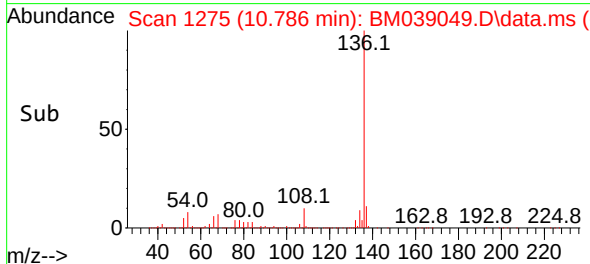
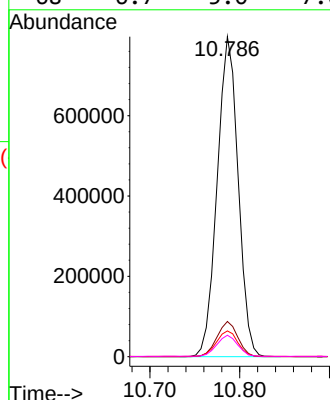
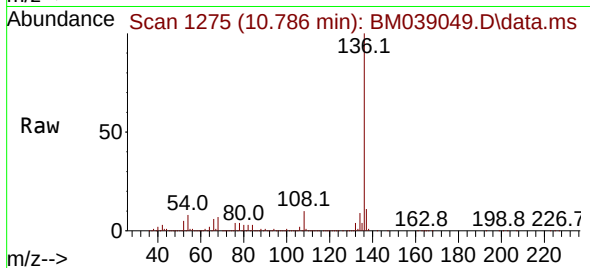


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Instrument :
BNA_M
ClientSampleId :
COMP-1MS

Tgt Ion:136 Resp: 1291751

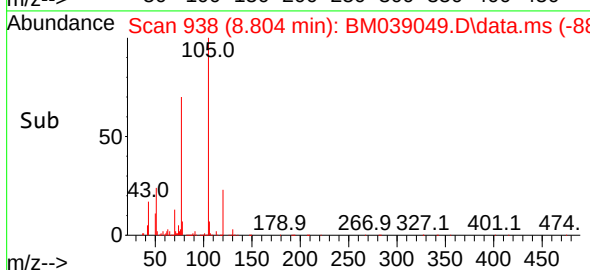
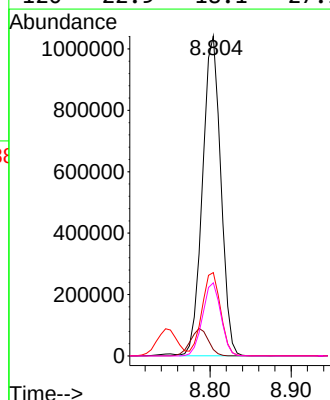
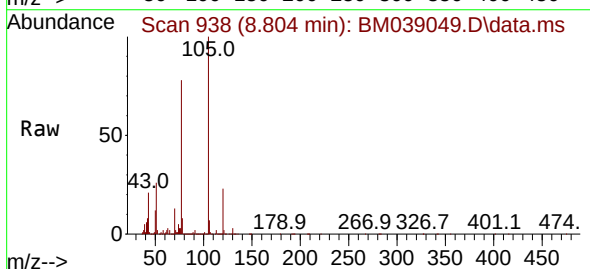
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.1	6.3	9.5
68	6.7	5.0	7.6

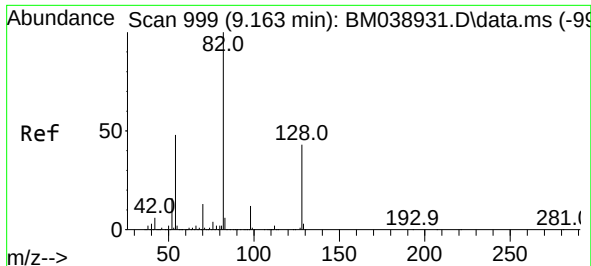


#22
Acetophenone
Concen: 44.841 ng
RT: 8.804 min Scan# 938
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:105 Resp: 1625102

Ion	Ratio	Lower	Upper
105	100		
71	2.0	3.4	5.0
51	26.0	21.0	31.4
120	22.9	18.1	27.1

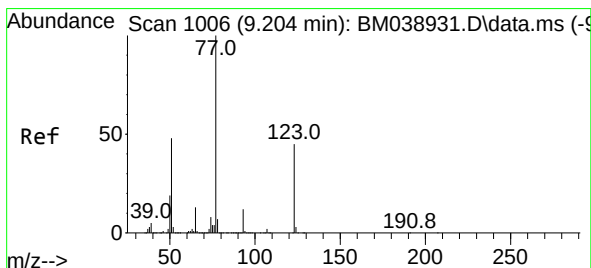
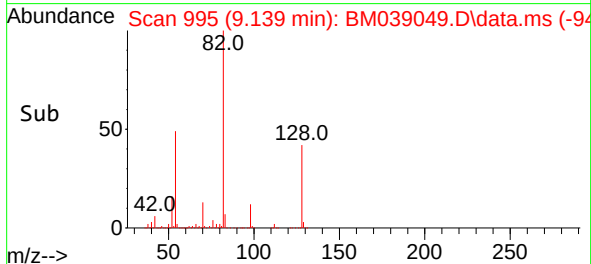
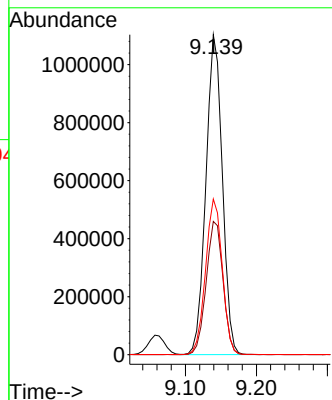
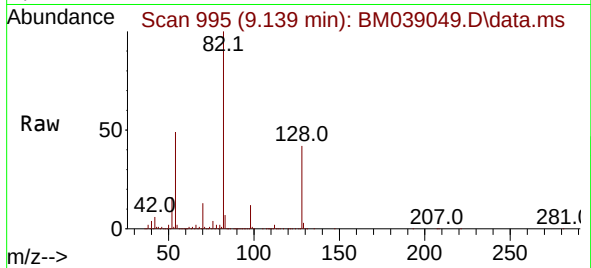




#23
Nitrobenzene-d5
Concen: 67.482 ng
RT: 9.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

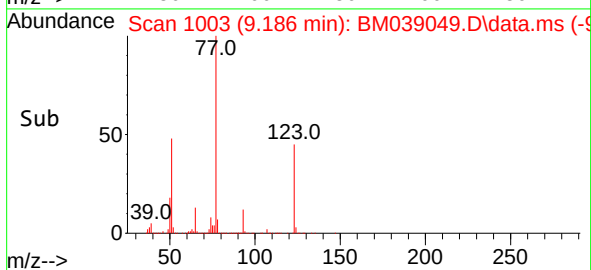
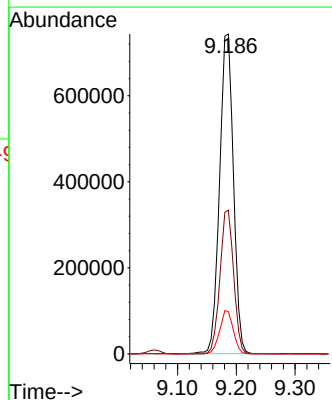
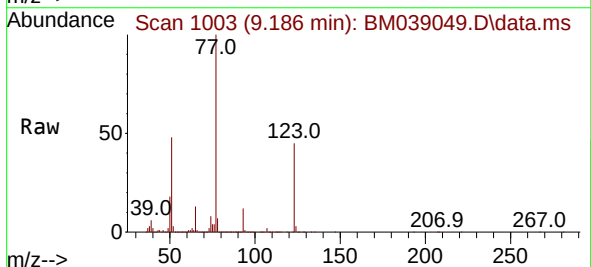
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

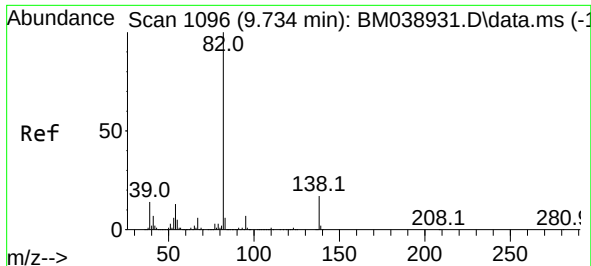
Tgt Ion: 82 Resp: 1774603
Ion Ratio Lower Upper
82 100
128 41.7 34.4 51.6
54 48.6 38.8 58.2



#24
Nitrobenzene
Concen: 44.045 ng
RT: 9.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion: 77 Resp: 1217422
Ion Ratio Lower Upper
77 100
123 44.9 35.8 53.6
65 13.2 10.2 15.4

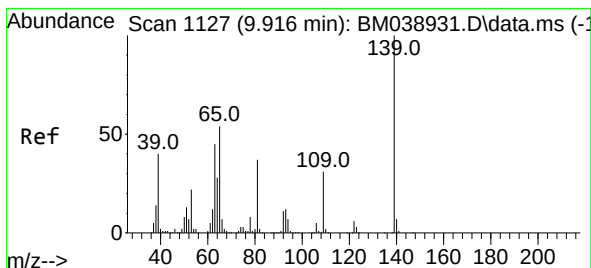
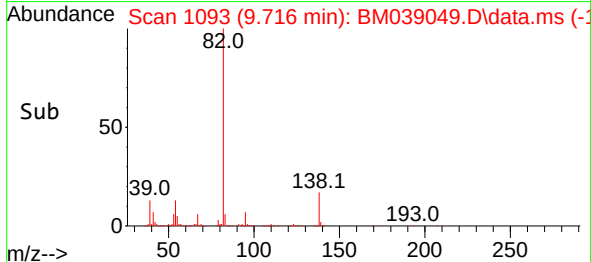
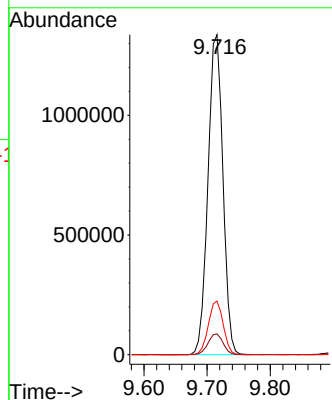
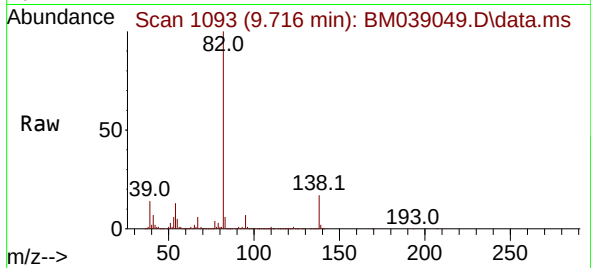




#25
Isophorone
Concen: 45.297 ng
RT: 9.716 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

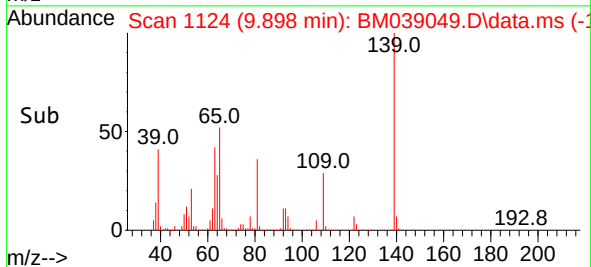
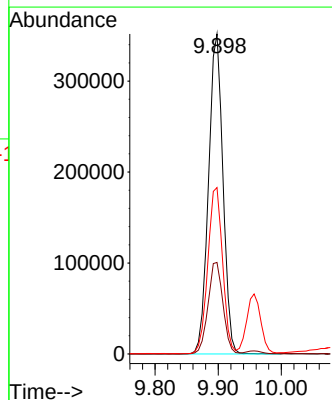
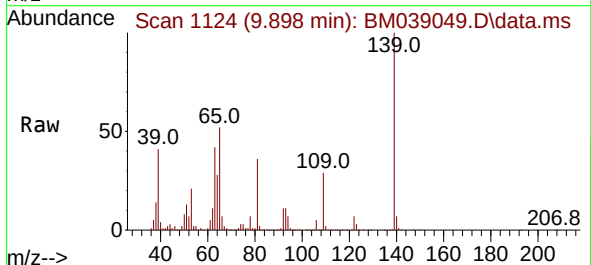
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

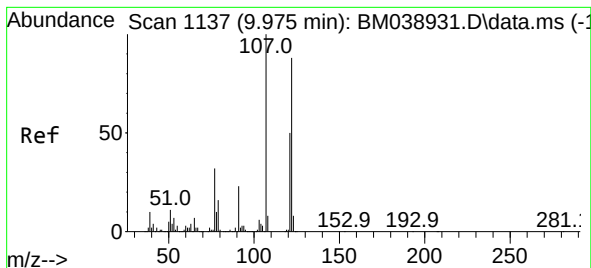
Tgt Ion: 82 Resp: 2192045
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.7 13.6 20.4



#26
2-Nitrophenol
Concen: 45.856 ng
RT: 9.898 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:139 Resp: 557905
Ion Ratio Lower Upper
139 100
109 28.6 24.5 36.7
65 52.0 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 46.633 ng

RT: 9.957 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

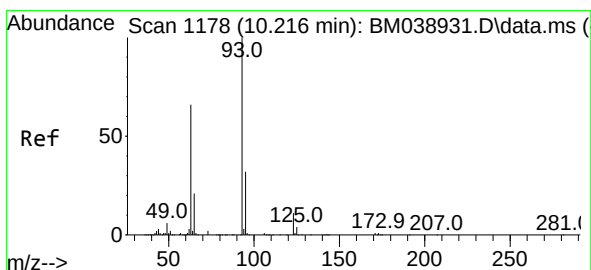
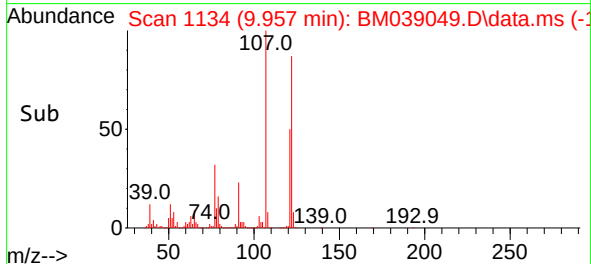
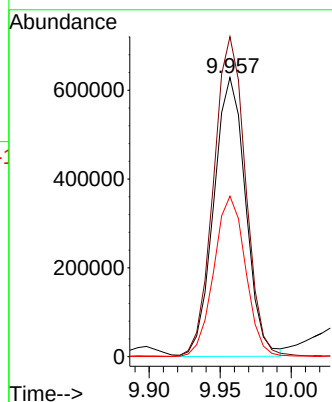
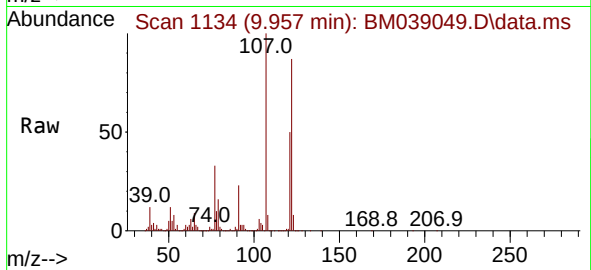
Tgt Ion:122 Resp: 983294

Ion Ratio Lower Upper

122 100

107 114.6 91.0 136.4

121 57.5 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 44.645 ng

RT: 10.198 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

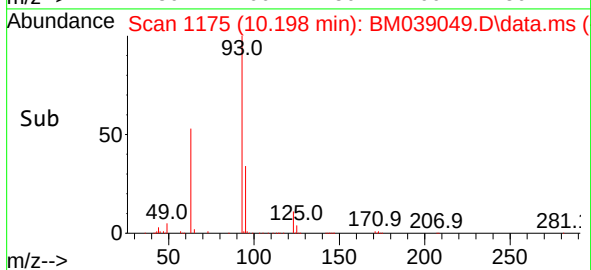
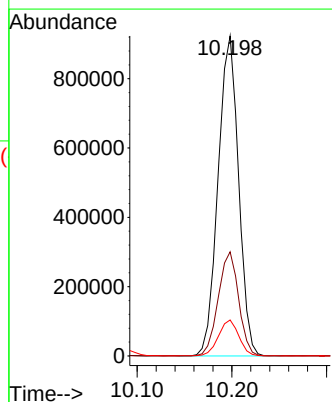
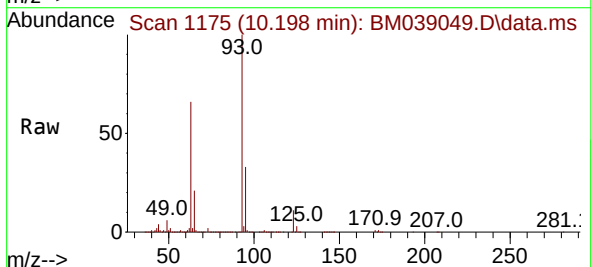
Tgt Ion: 93 Resp: 1388176

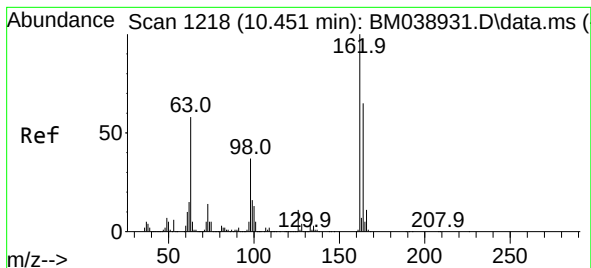
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 45.820 ng

RT: 10.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

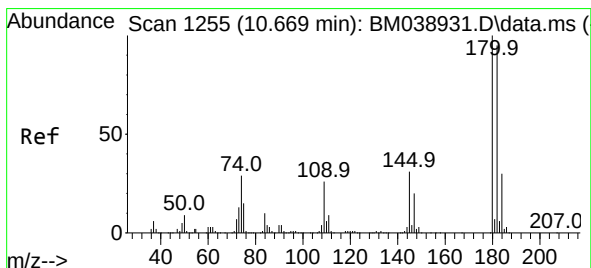
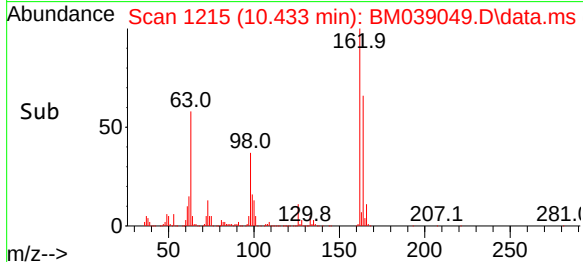
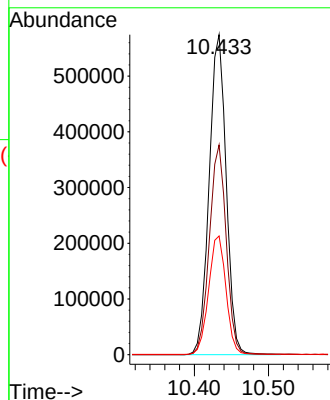
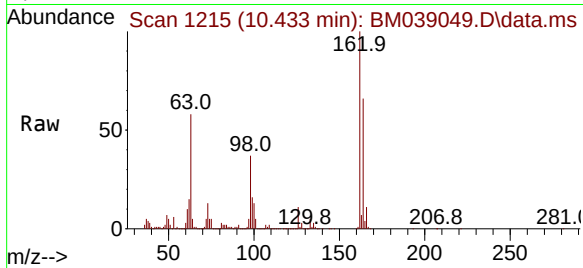
Tgt Ion:162 Resp: 915985

Ion Ratio Lower Upper

162 100

164 65.6 44.6 84.6

98 37.1 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 44.315 ng

RT: 10.651 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

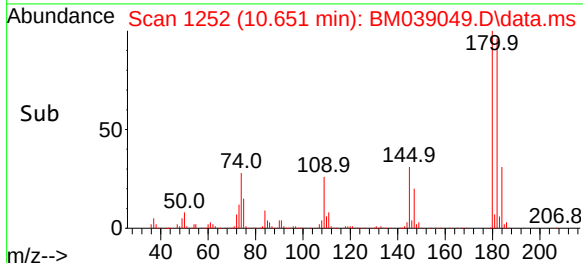
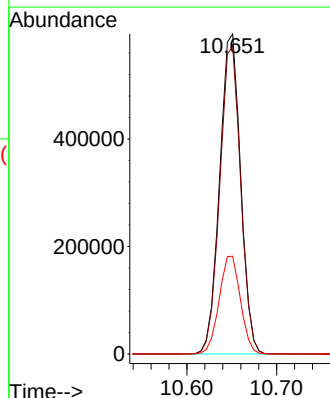
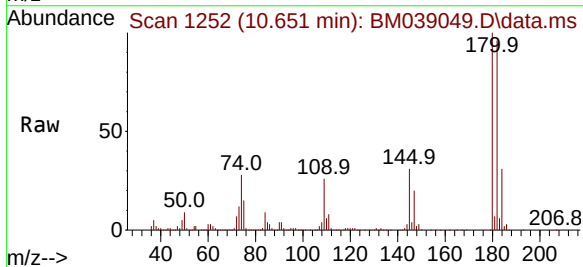
Tgt Ion:180 Resp: 968088

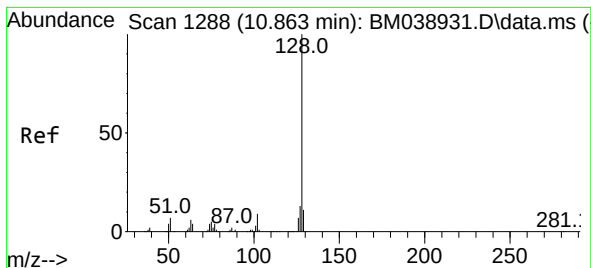
Ion Ratio Lower Upper

180 100

182 96.0 76.3 114.5

145 30.6 25.0 37.4

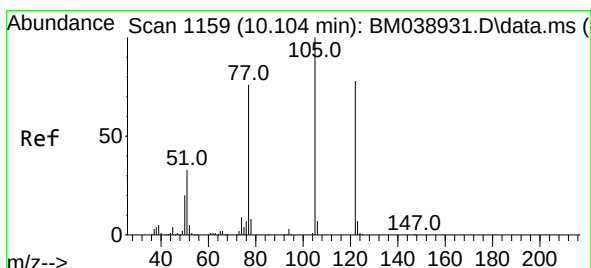
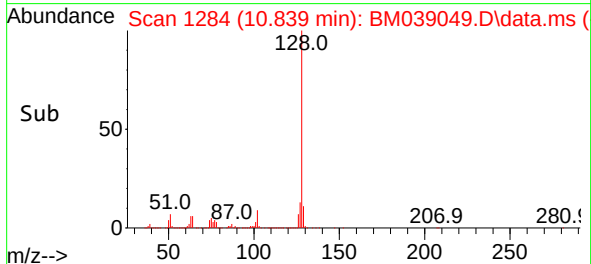
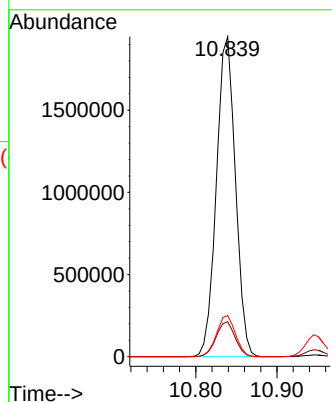
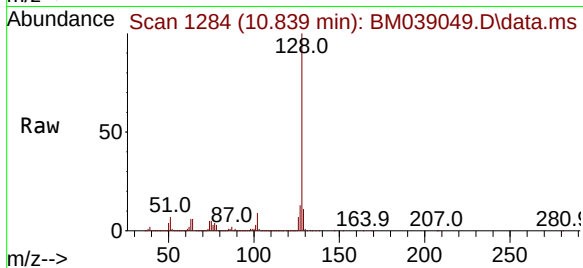




#31
Naphthalene
Concen: 43.061 ng
RT: 10.839 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

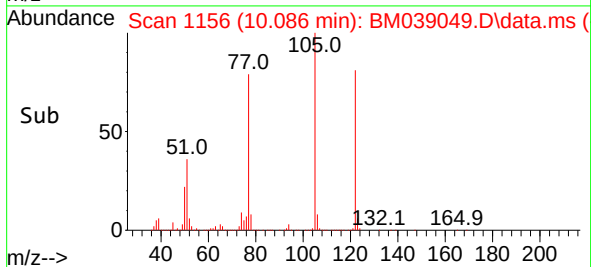
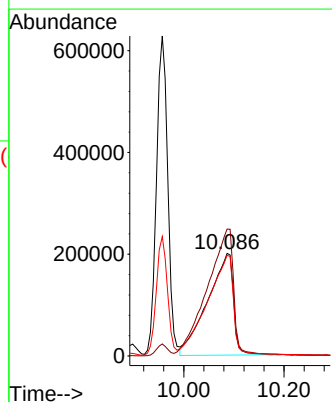
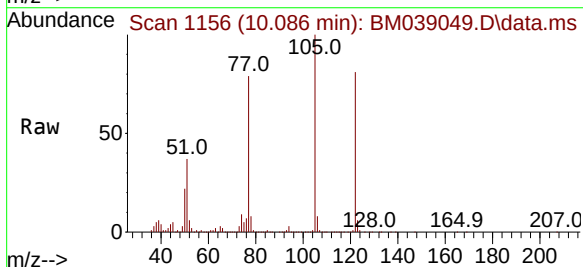
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

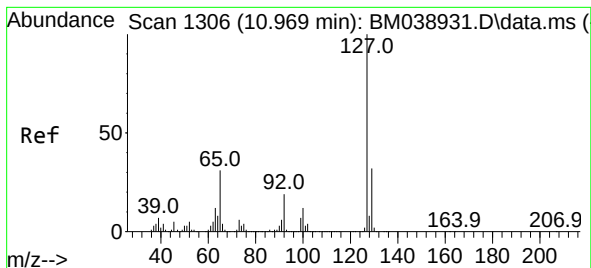
Tgt Ion:128 Resp: 3171786
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 46.507 ng
RT: 10.086 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:122 Resp: 716370
Ion Ratio Lower Upper
122 100
105 123.7 104.2 144.2
77 98.1 75.1 115.1





#33

4-Chloroaniline

Concen: 7.320 ng

RT: 10.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

Tgt Ion:127 Resp: 229788

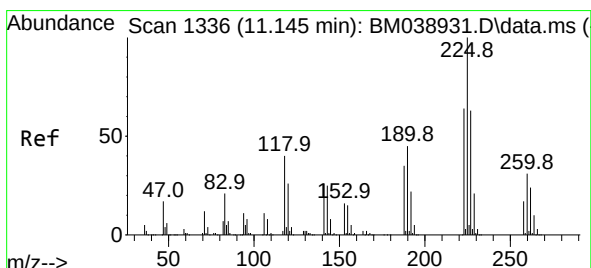
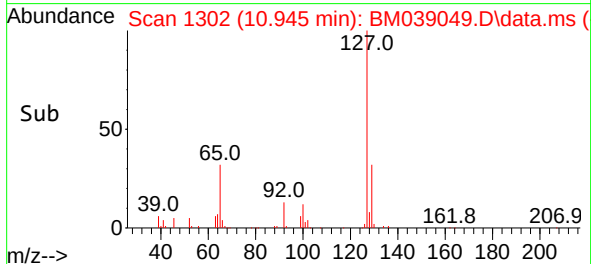
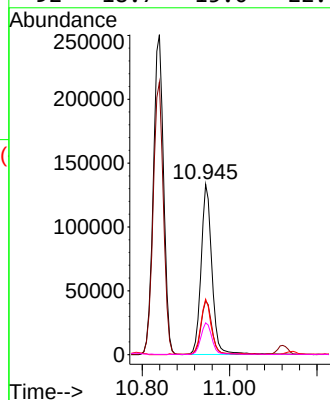
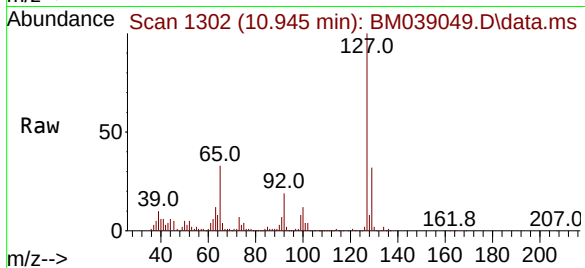
Ion Ratio Lower Upper

127 100

129 31.5 25.4 38.2

65 32.6 24.4 36.6

92 18.7 15.0 22.4



#34

Hexachlorobutadiene

Concen: 43.481 ng

RT: 11.122 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

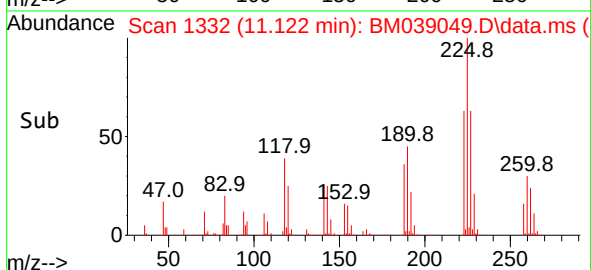
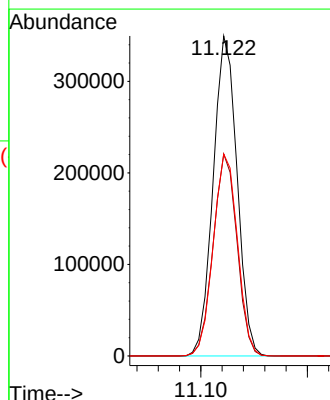
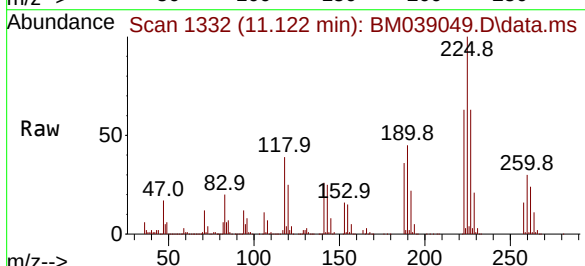
Tgt Ion:225 Resp: 544711

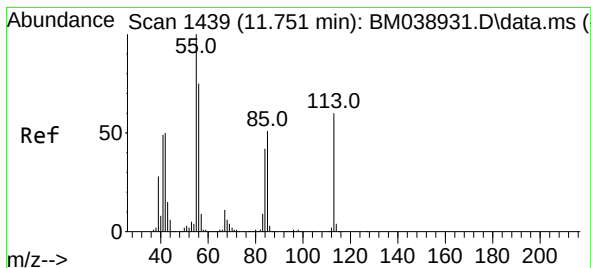
Ion Ratio Lower Upper

225 100

223 63.1 51.3 76.9

227 63.1 50.6 76.0

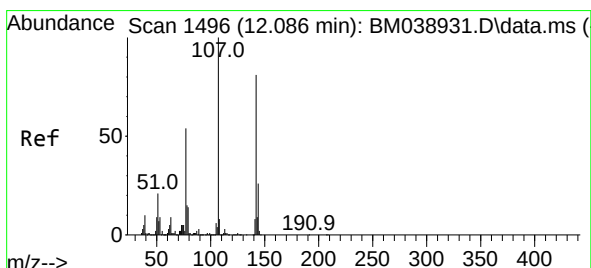
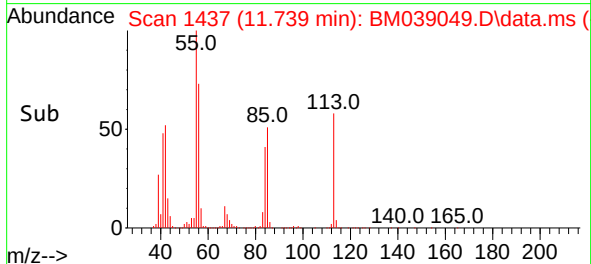
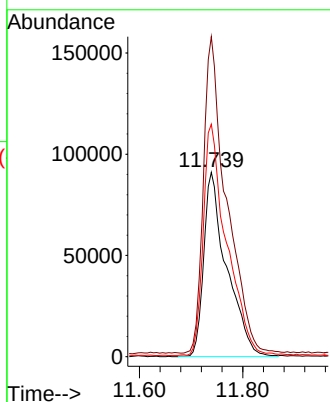
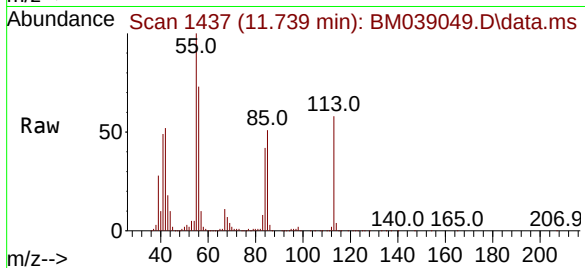




#35
 Caprolactam
 Concen: 46.131 ng
 RT: 11.739 min Scan# 1437
 Delta R.T. -0.000 min
 Lab File: BM039049.D
 Acq: 20 Mar 2023 18:02

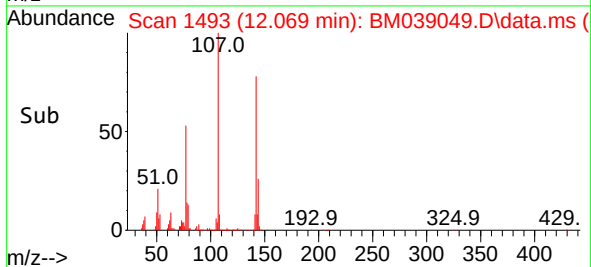
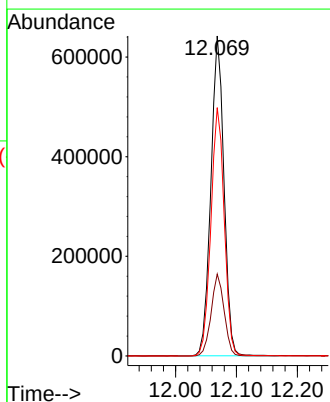
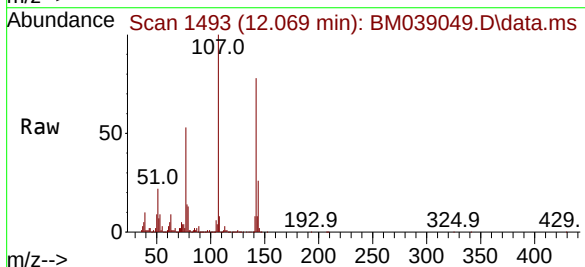
Instrument :
 BNA_M
 ClientSampleId :
 COMP-1MS

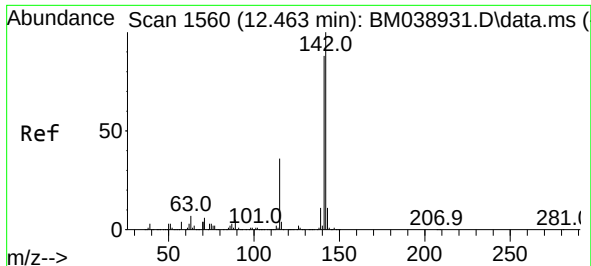
Tgt Ion:113 Resp: 280676
 Ion Ratio Lower Upper
 113 100
 55 173.5 147.0 187.0
 56 126.1 105.1 145.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.048 ng
 RT: 12.069 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: BM039049.D
 Acq: 20 Mar 2023 18:02

Tgt Ion:107 Resp: 958955
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.7 31.1
 142 77.6 64.6 97.0

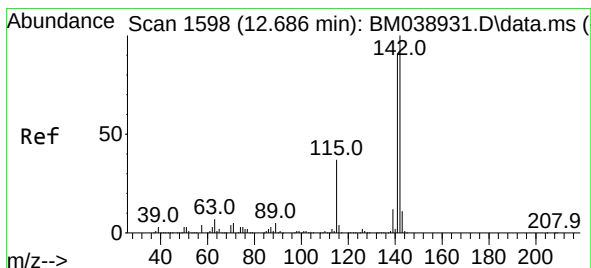
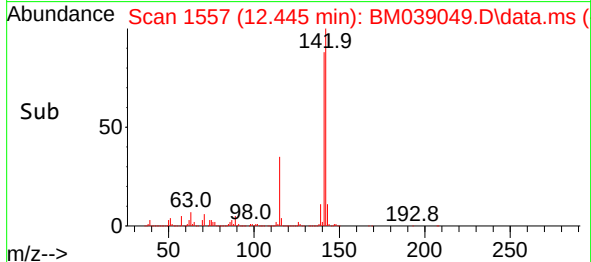
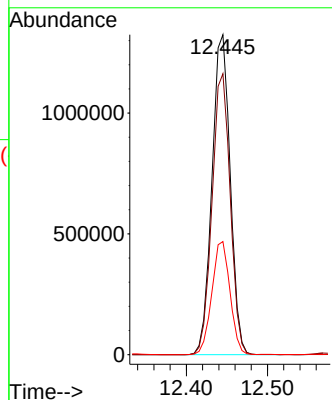
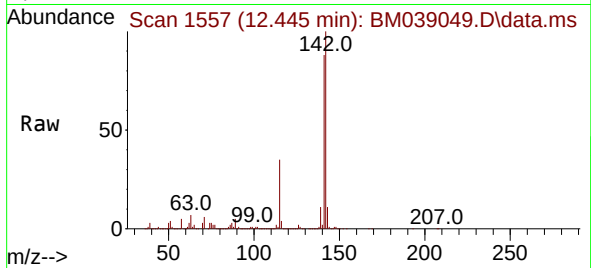




#37
2-Methylnaphthalene
Concen: 41.809 ng
RT: 12.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

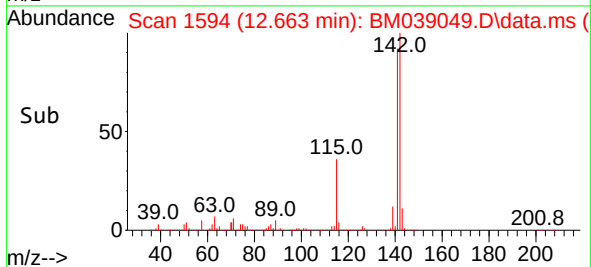
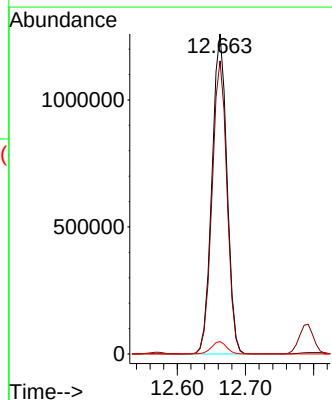
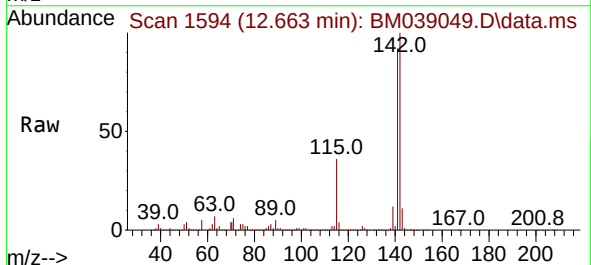
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

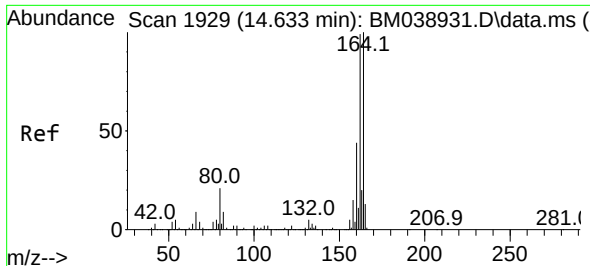
Tgt Ion:142 Resp: 2064079
Ion Ratio Lower Upper
142 100
141 87.8 70.6 106.0
115 35.3 28.5 42.7



#38
1-Methylnaphthalene
Concen: 41.588 ng
RT: 12.663 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:142 Resp: 1924105
Ion Ratio Lower Upper
142 100
141 91.6 72.8 109.2
116 3.9 3.0 4.4

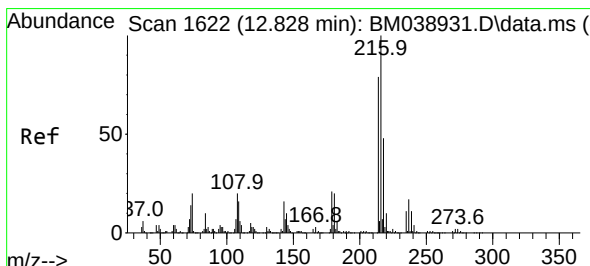
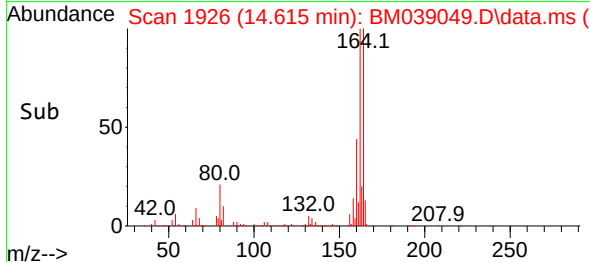
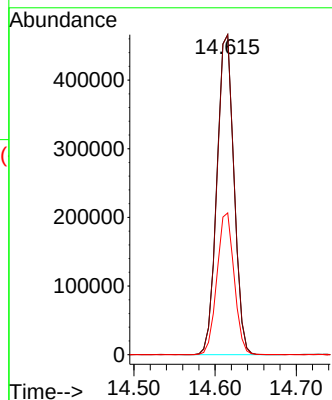
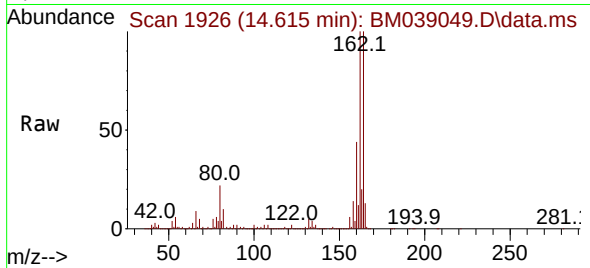




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

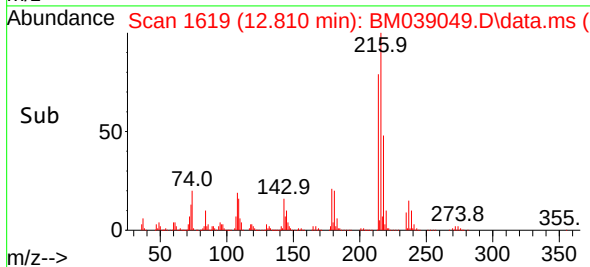
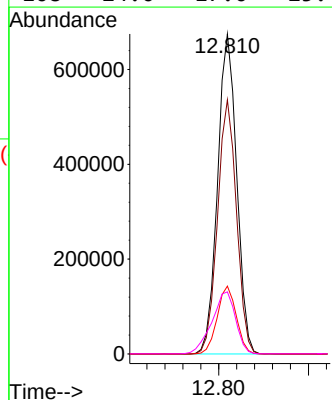
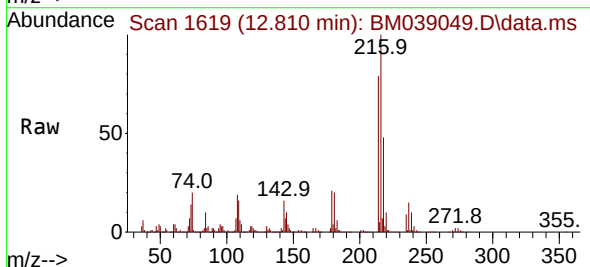
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

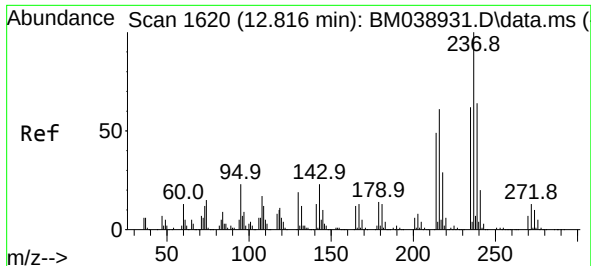
Tgt Ion:164 Resp: 681046
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 44.3 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.027 ng
RT: 12.810 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:216 Resp: 996915
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 21.2 16.8 25.2
108 24.0 17.0 25.4

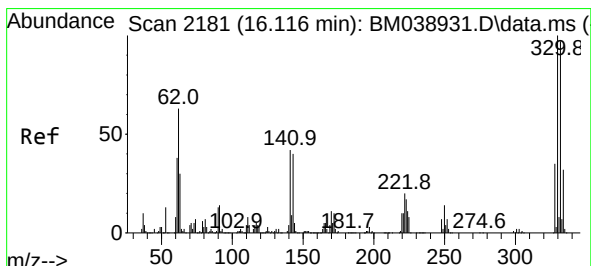
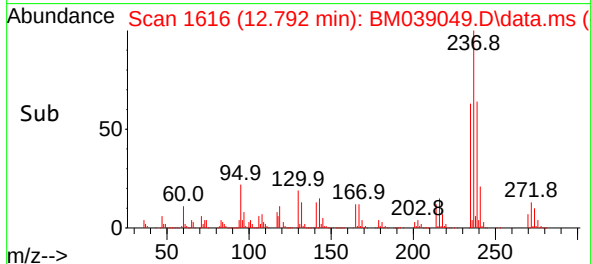
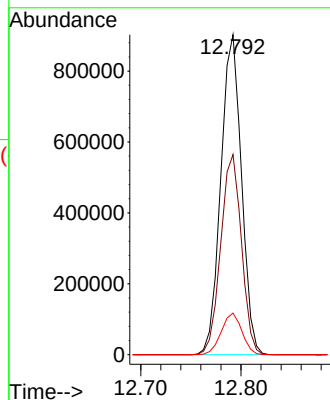
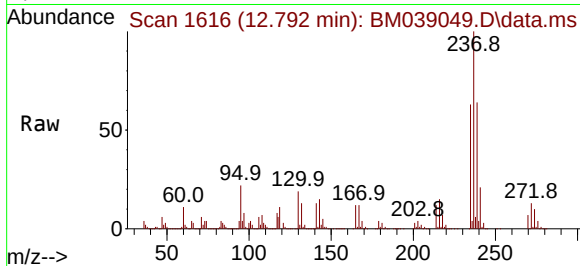




#41
Hexachlorocyclopentadiene
Concen: 105.946 ng
RT: 12.792 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

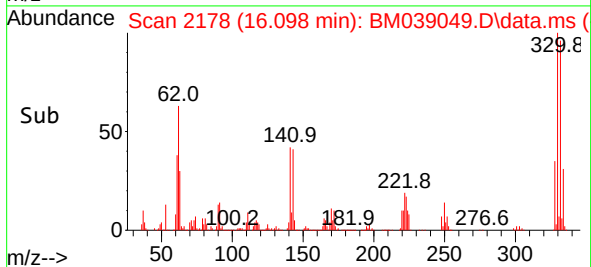
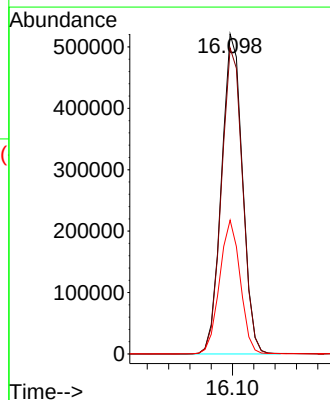
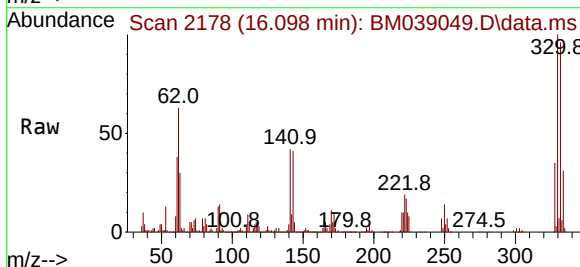
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

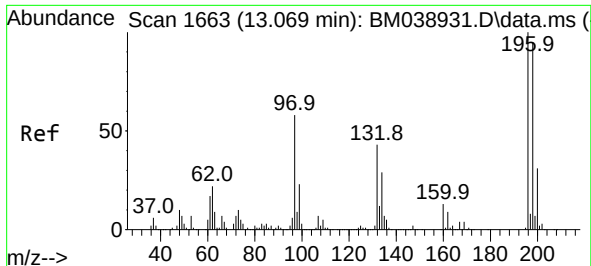
Tgt Ion:237 Resp: 1287567
Ion Ratio Lower Upper
237 100
235 62.5 41.7 81.7
272 13.0 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 90.105 ng
RT: 16.098 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:330 Resp: 709903
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 41.5 32.2 48.4

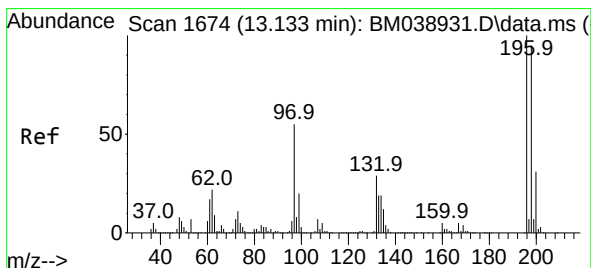
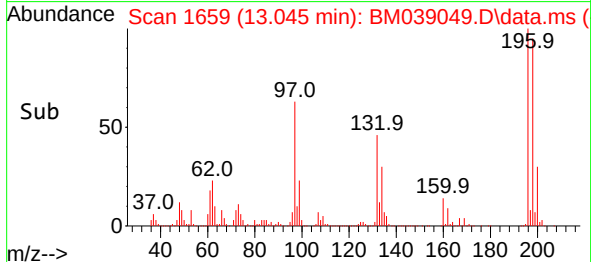
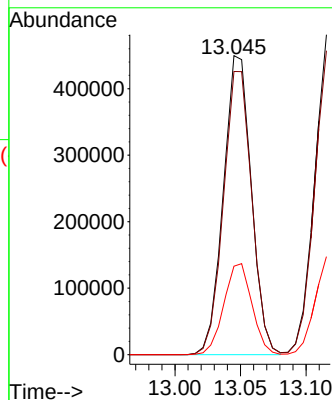
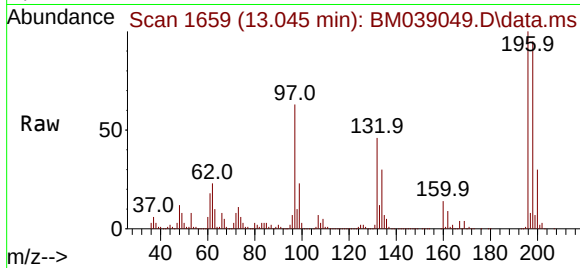




#43
2,4,6-Trichlorophenol
Concen: 46.562 ng
RT: 13.045 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

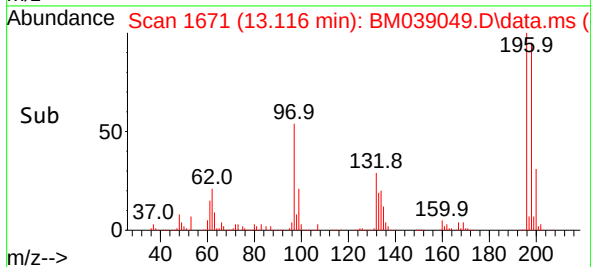
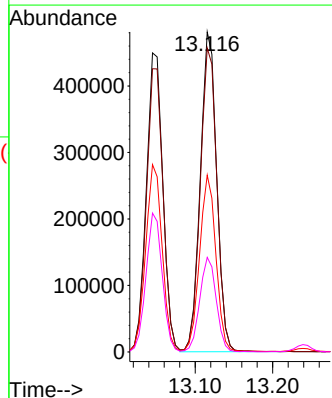
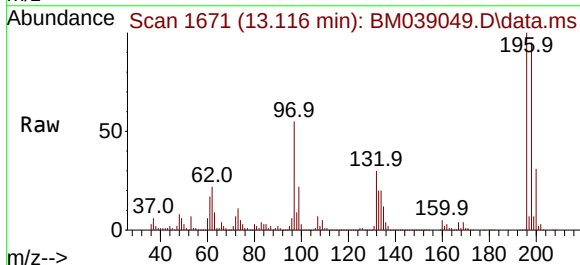
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

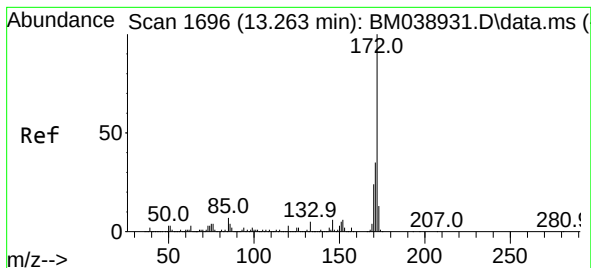
Tgt Ion:196 Resp: 667561
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.8
200 29.6 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 42.044 ng
RT: 13.116 min Scan# 1671
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:196 Resp: 705568
Ion Ratio Lower Upper
196 100
198 95.0 76.3 114.5
97 55.3 44.2 66.4
132 29.6 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 65.355 ng

RT: 13.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

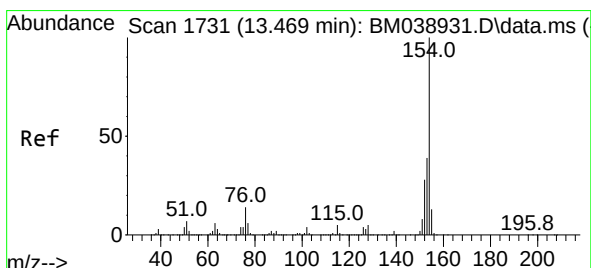
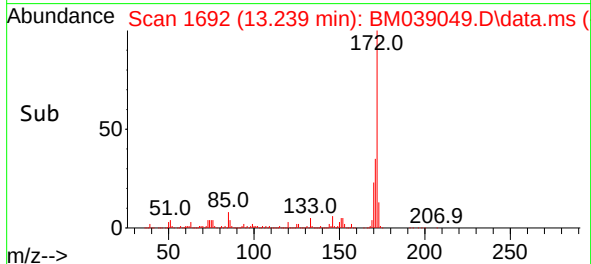
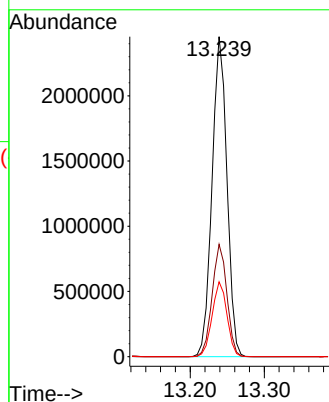
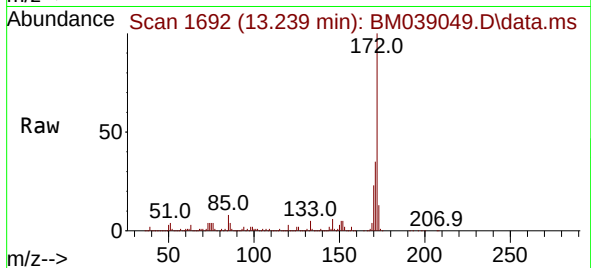
Tgt Ion:172 Resp: 3419091

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 45.648 ng

RT: 13.451 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

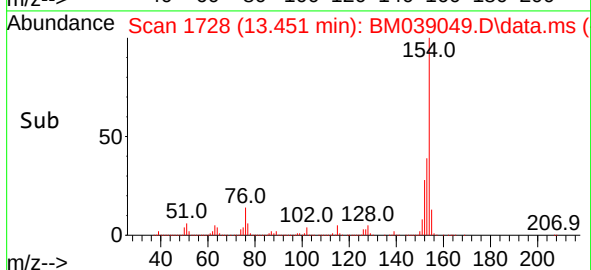
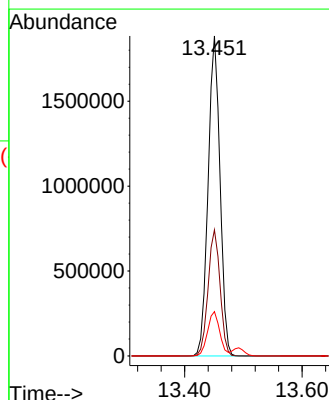
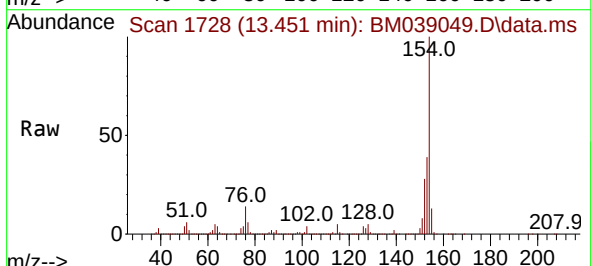
Tgt Ion:154 Resp: 2633734

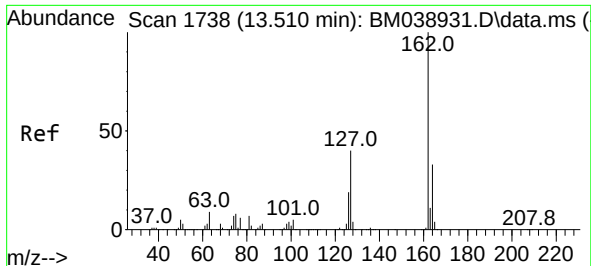
Ion Ratio Lower Upper

154 100

153 39.4 19.3 59.3

76 13.8 0.0 34.0

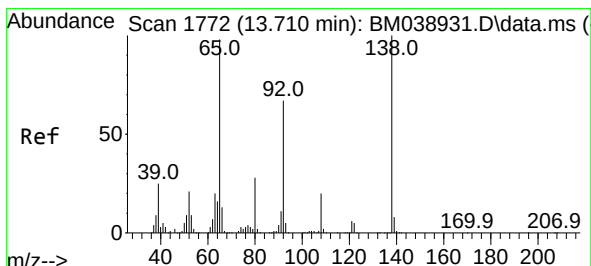
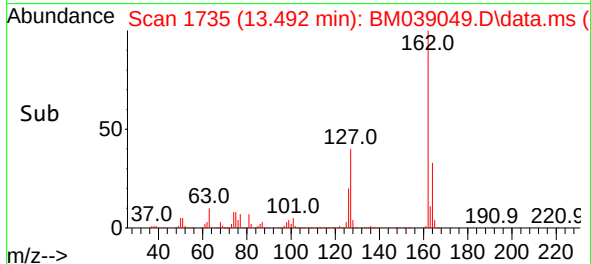
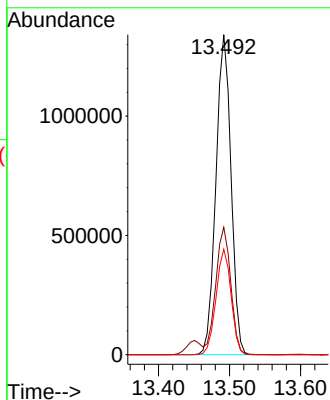
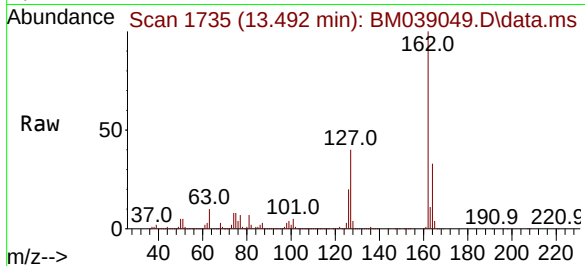




#47
2-Chloronaphthalene
Concen: 45.306 ng
RT: 13.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

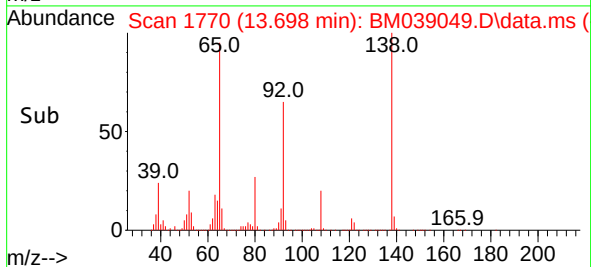
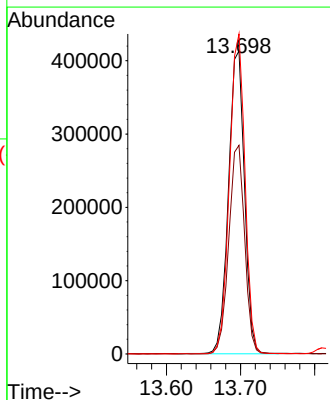
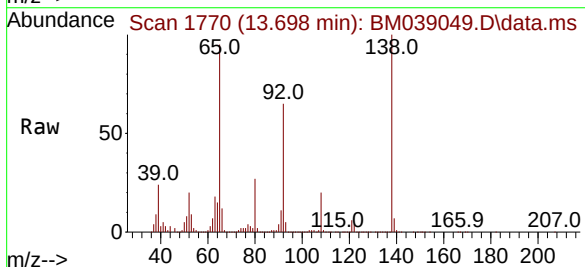
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

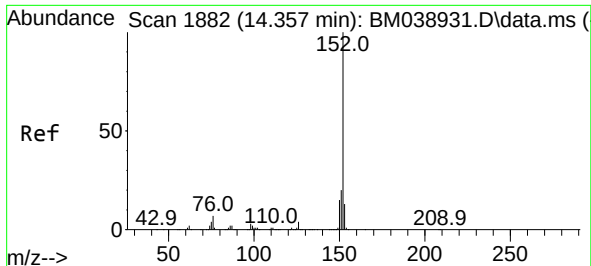
Tgt Ion:162 Resp: 1971137
Ion Ratio Lower Upper
162 100
127 39.8 32.1 48.1
164 33.0 26.2 39.4



#48
2-Nitroaniline
Concen: 44.634 ng
RT: 13.698 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion: 65 Resp: 619480
Ion Ratio Lower Upper
65 100
92 68.8 54.9 82.3
138 105.6 81.6 122.4

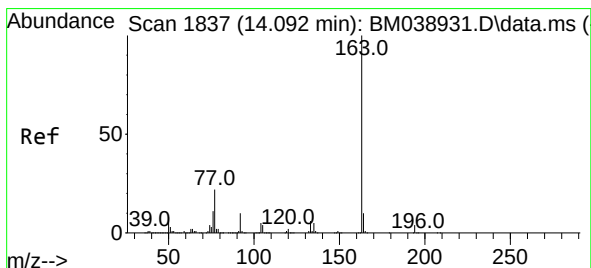
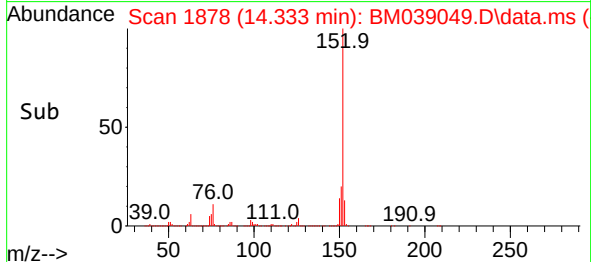
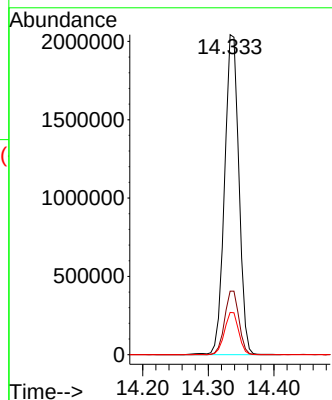
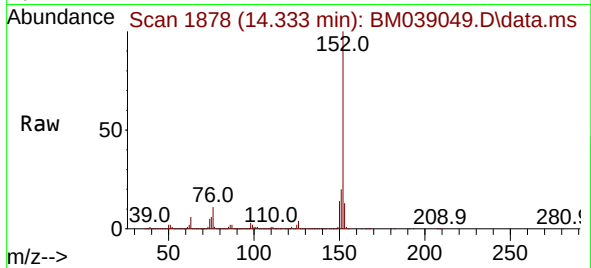




#49
Acenaphthylene
Concen: 44.450 ng
RT: 14.333 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

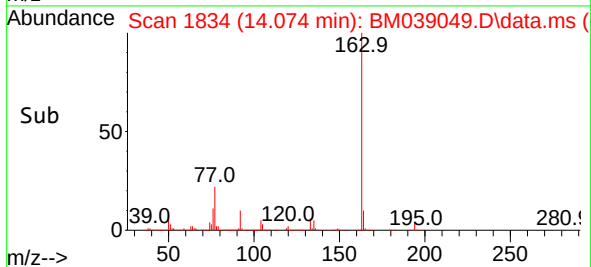
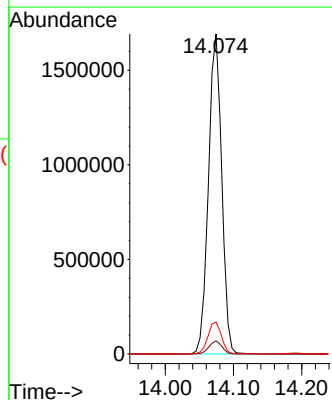
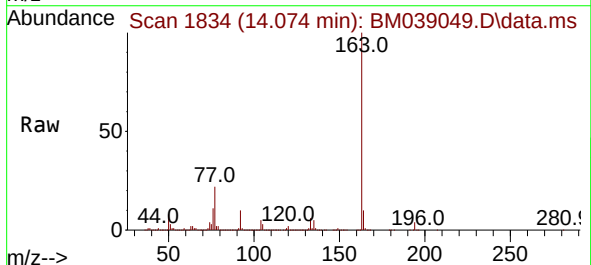
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

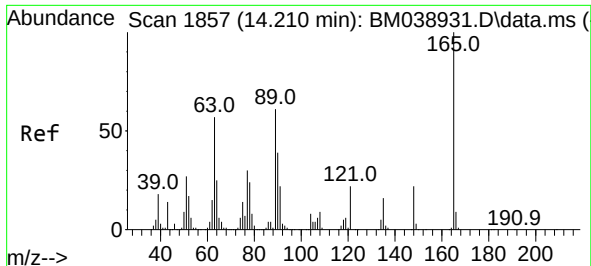
Tgt Ion:152 Resp: 3080399
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 43.666 ng
RT: 14.074 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:163 Resp: 2288349
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.1 12.1

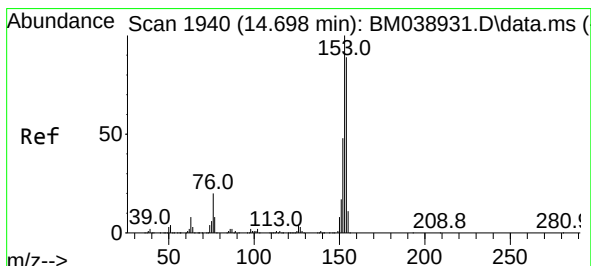
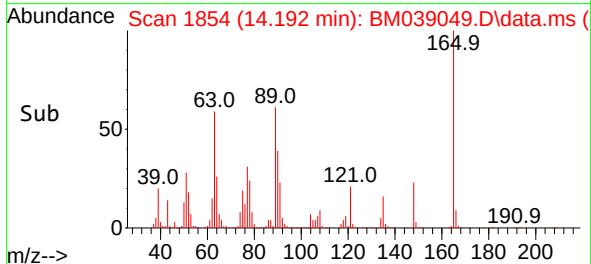
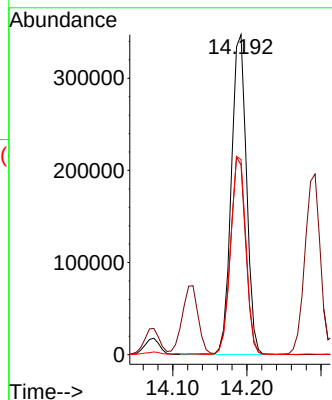
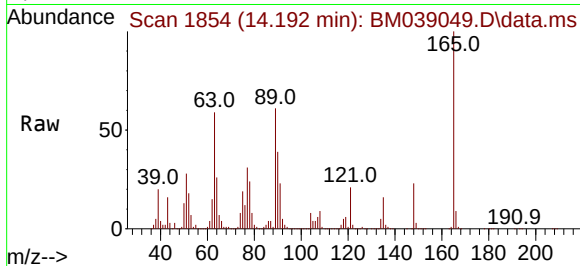




#51
2,6-Dinitrotoluene
Concen: 42.682 ng
RT: 14.192 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

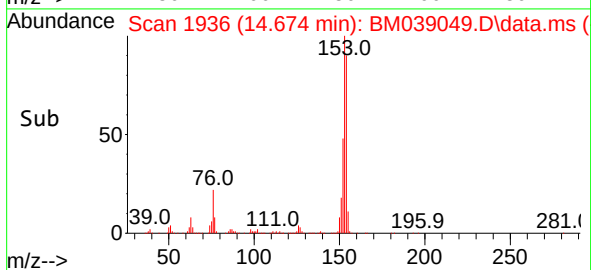
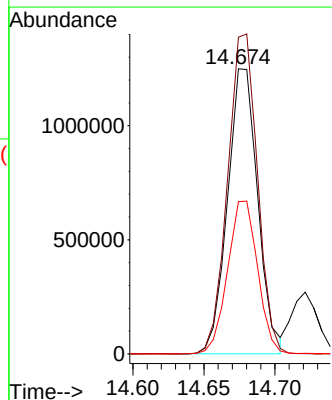
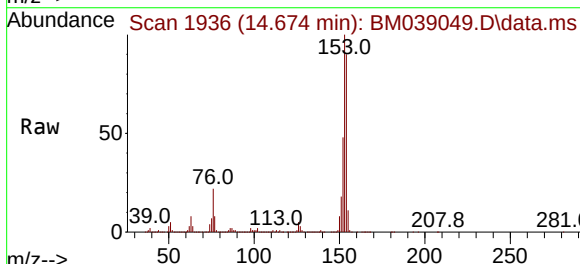
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

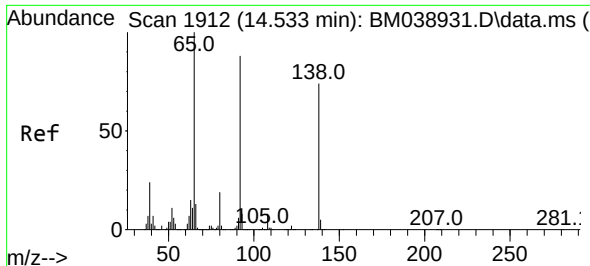
Tgt Ion:165 Resp: 492747
Ion Ratio Lower Upper
165 100
63 59.4 46.6 70.0
89 61.0 48.6 73.0



#52
Acenaphthene
Concen: 43.428 ng
RT: 14.674 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:154 Resp: 1849600
Ion Ratio Lower Upper
154 100
153 111.1 90.2 135.2
152 53.4 43.4 65.2

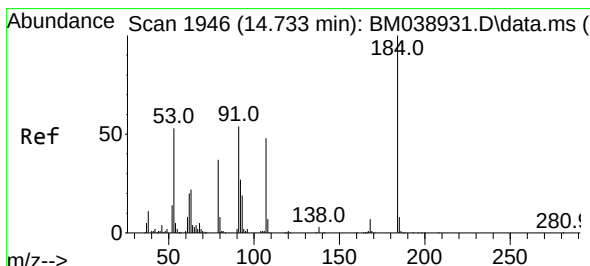
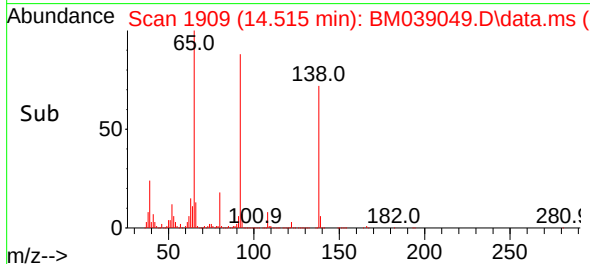
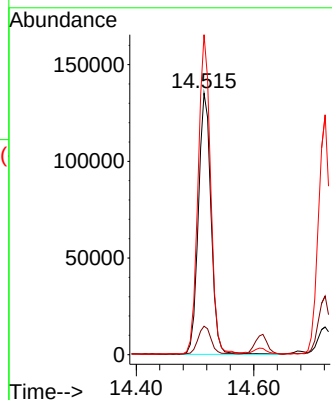
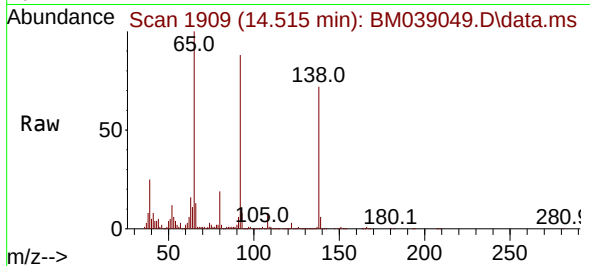




#53
3-Nitroaniline
Concen: 15.992 ng
RT: 14.515 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

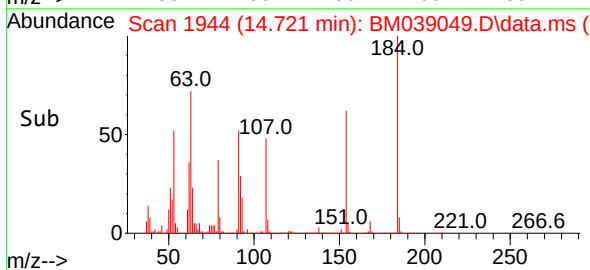
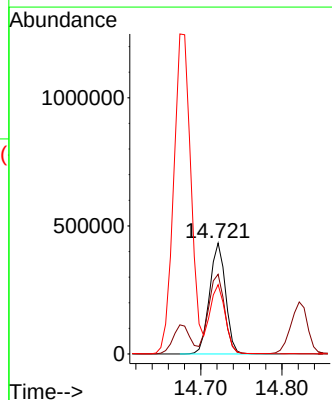
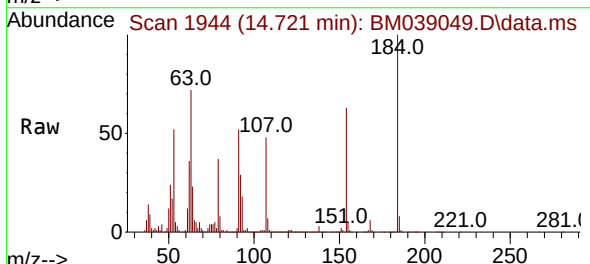
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

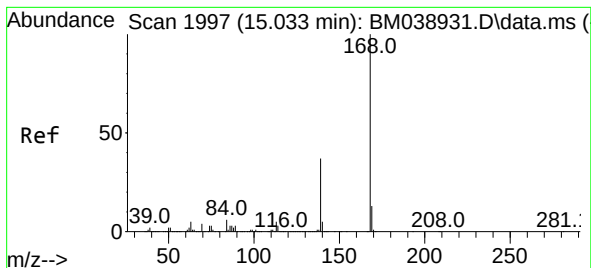
Tgt Ion:138 Resp: 201824
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 122.4 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 88.114 ng
RT: 14.721 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:184 Resp: 590722
Ion Ratio Lower Upper
184 100
63 71.9 60.6 90.8
154 62.5 51.4 77.2





#55

Dibenzofuran

Concen: 42.439 ng

RT: 15.009 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

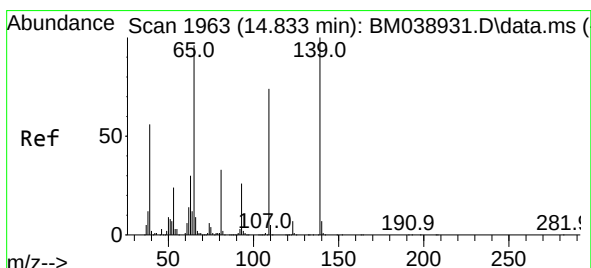
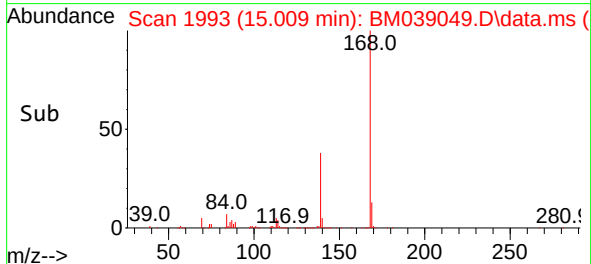
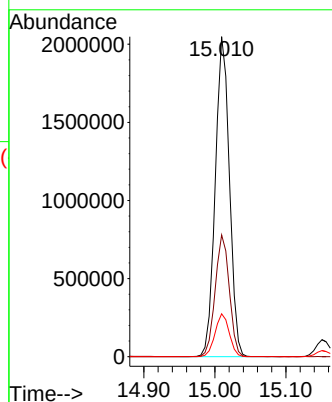
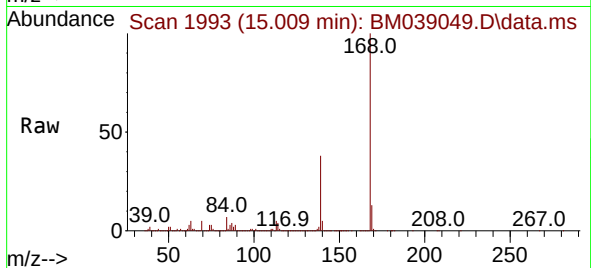
Tgt Ion:168 Resp: 2828416

Ion Ratio Lower Upper

168 100

139 38.0 29.9 44.9

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 93.053 ng

RT: 14.821 min Scan# 1961

Delta R.T. -0.000 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

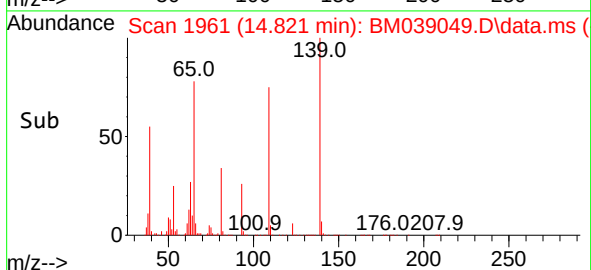
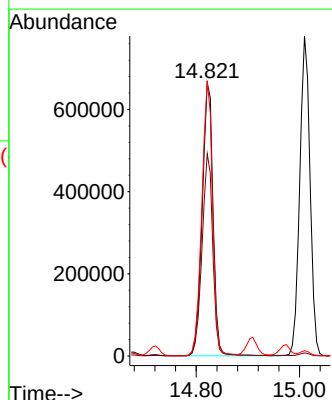
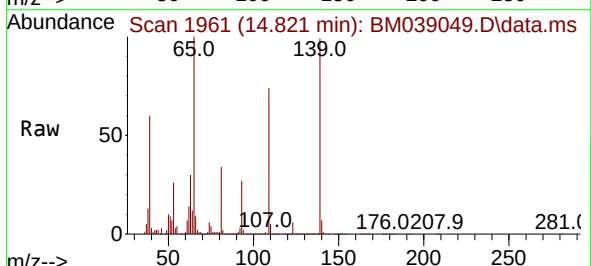
Tgt Ion:139 Resp: 968497

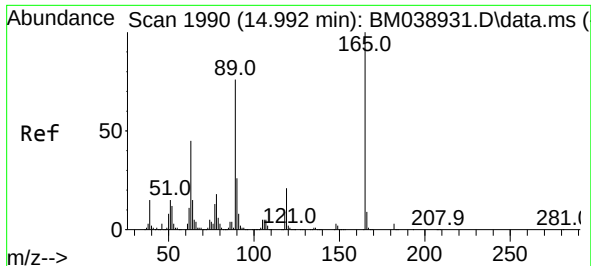
Ion Ratio Lower Upper

139 100

109 74.0 53.5 93.5

65 100.6 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 43.330 ng

RT: 14.974 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

Tgt Ion:165 Resp: 657682

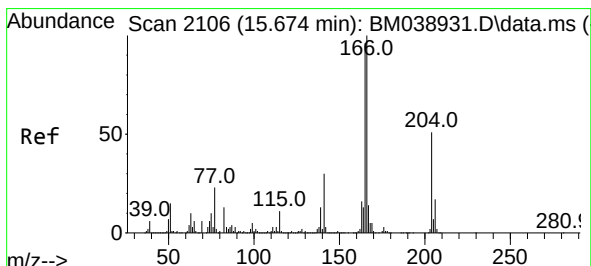
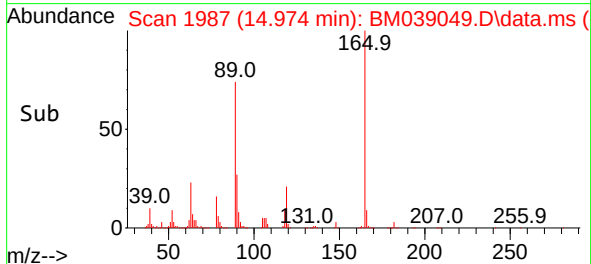
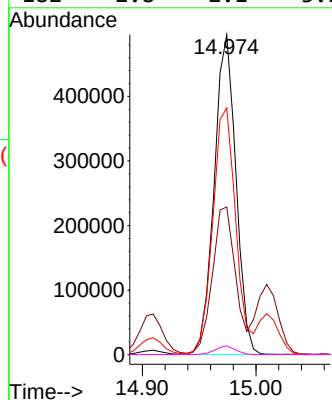
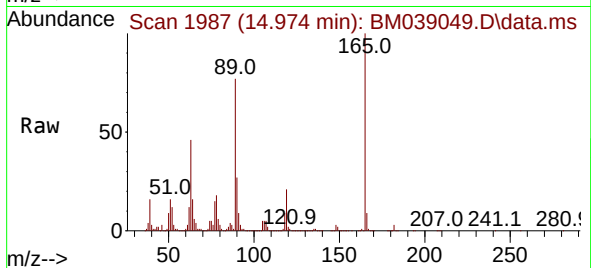
Ion Ratio Lower Upper

165 100

63 46.2 35.9 53.9

89 77.1 61.0 91.6

182 2.8 2.1 3.1



#58

Fluorene

Concen: 43.398 ng

RT: 15.657 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

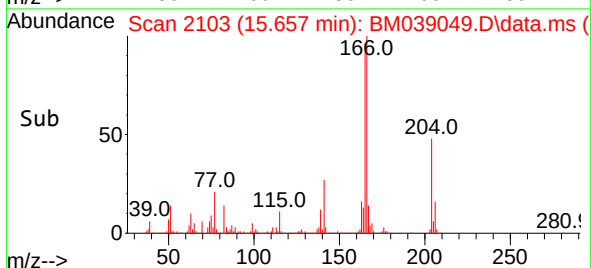
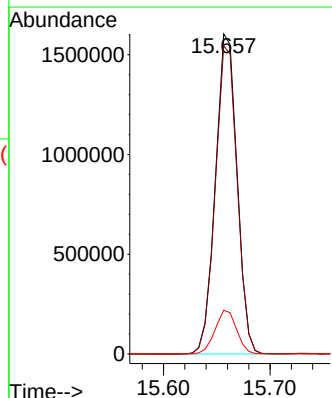
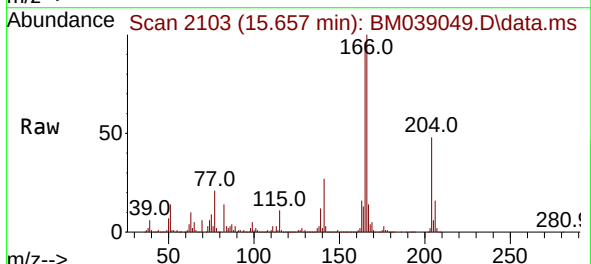
Tgt Ion:166 Resp: 2265656

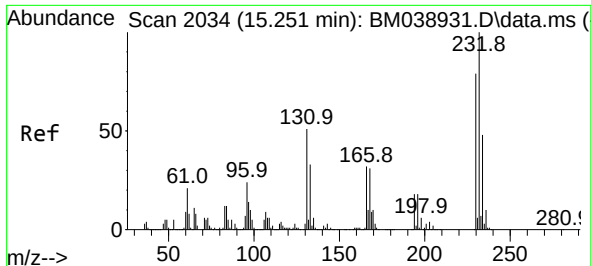
Ion Ratio Lower Upper

166 100

165 96.3 77.1 115.7

167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.693 ng

RT: 15.233 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

Tgt Ion:232 Resp: 578430

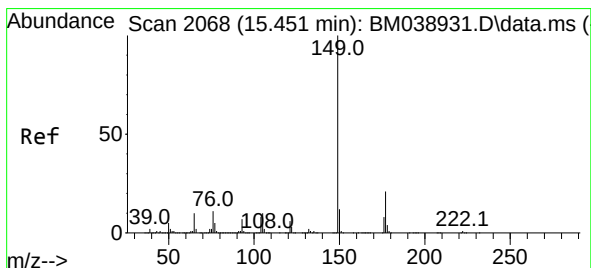
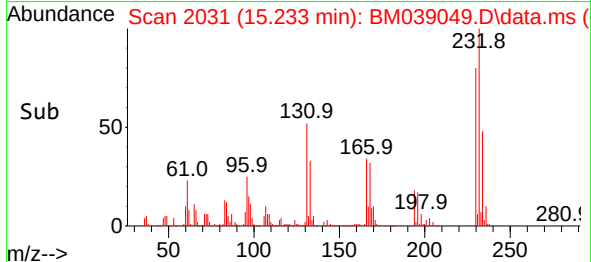
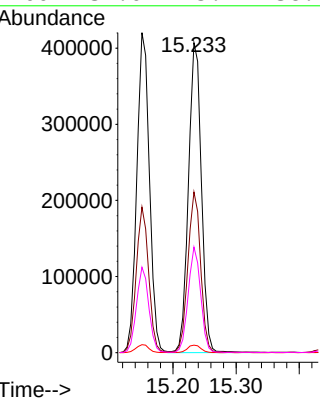
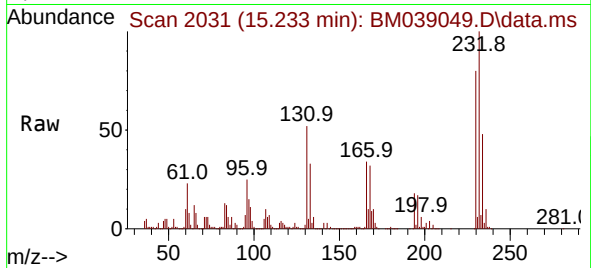
Ion Ratio Lower Upper

232 100

131 50.9 40.0 60.0

130 2.6 2.0 3.0

166 32.6 25.4 38.0



#60

Diethylphthalate

Concen: 45.159 ng

RT: 15.433 min Scan# 2065

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

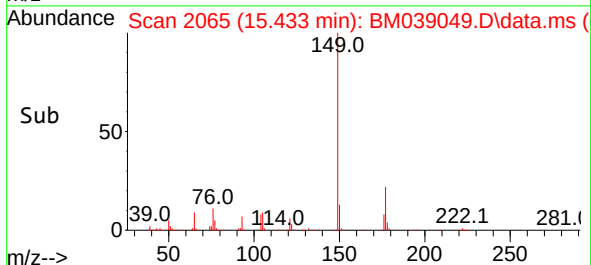
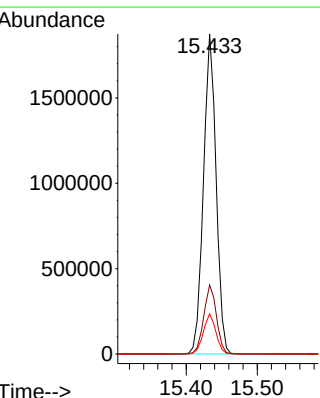
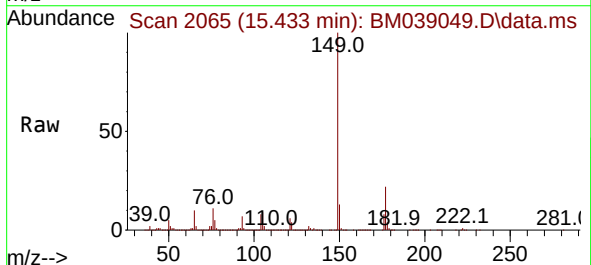
Tgt Ion:149 Resp: 2302702

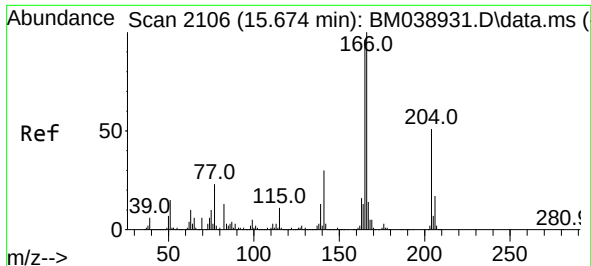
Ion Ratio Lower Upper

149 100

177 21.5 17.1 25.7

150 12.6 9.7 14.5

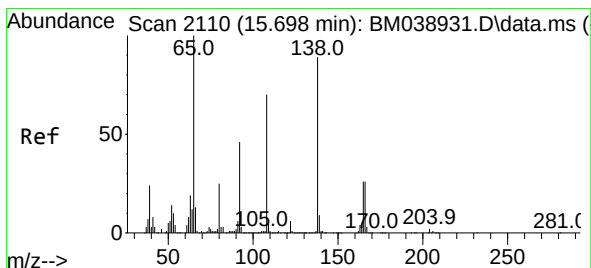
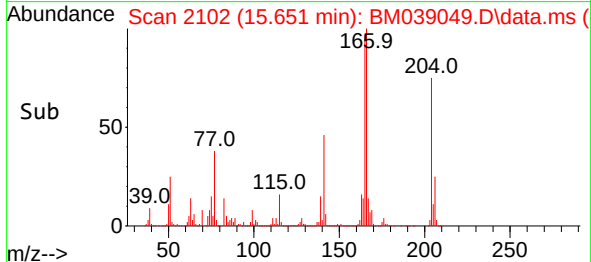
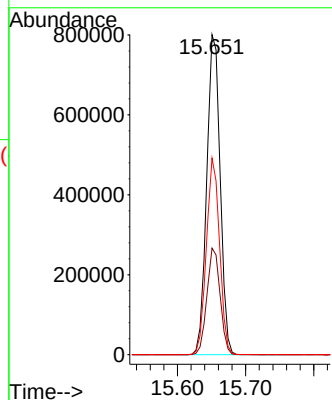
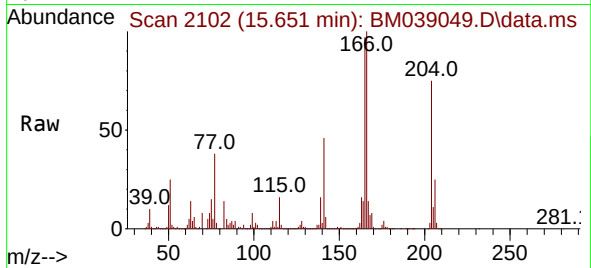




#61
4-Chlorophenyl-phenylether
Concen: 42.717 ng
RT: 15.651 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

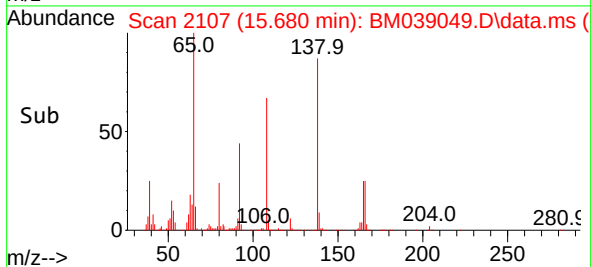
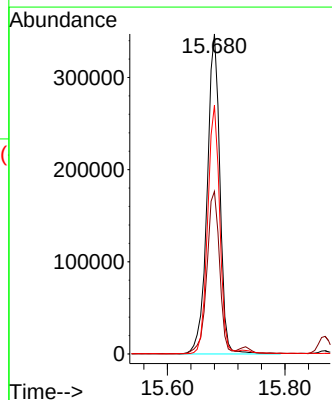
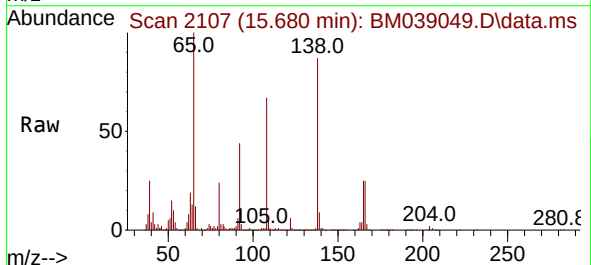
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

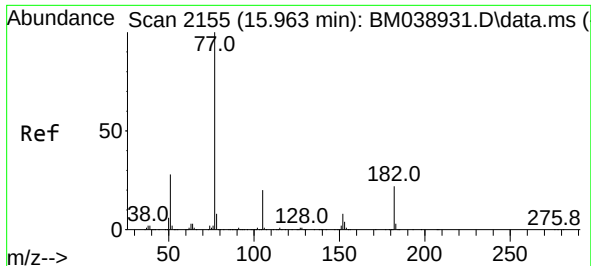
Tgt Ion:204 Resp: 1095571
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 61.4 46.4 69.6



#62
4-Nitroaniline
Concen: 38.295 ng
RT: 15.680 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:138 Resp: 523048
Ion Ratio Lower Upper
138 100
92 50.8 31.6 71.6
108 77.7 58.6 98.6



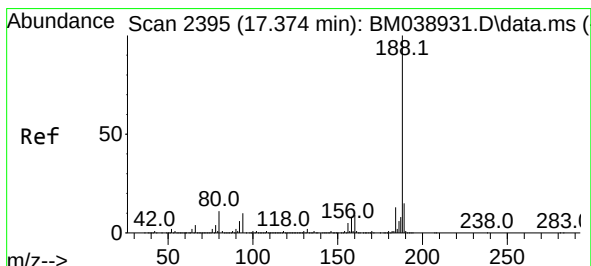
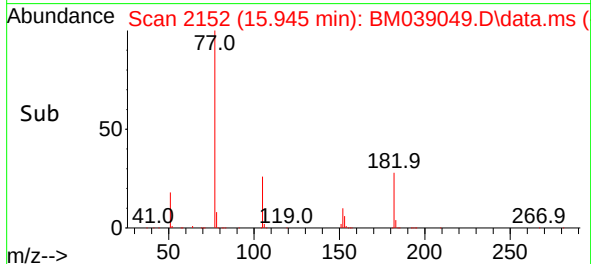
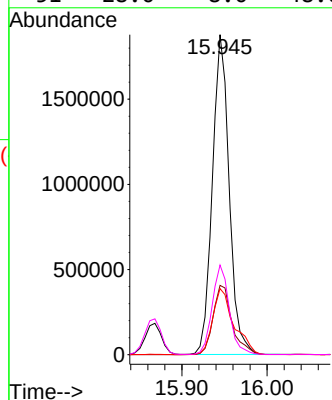
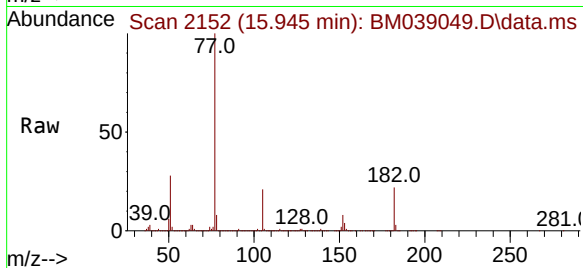


#63
Azobenzene
Concen: 47.584 ng
RT: 15.945 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Instrument :
BNA_M
ClientSampleId :
COMP-1MS

Tgt Ion: 77 Resp: 2567395

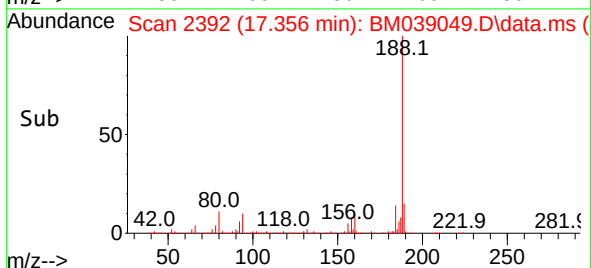
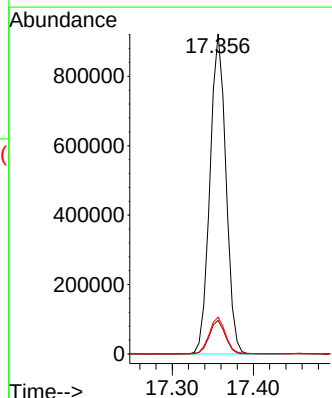
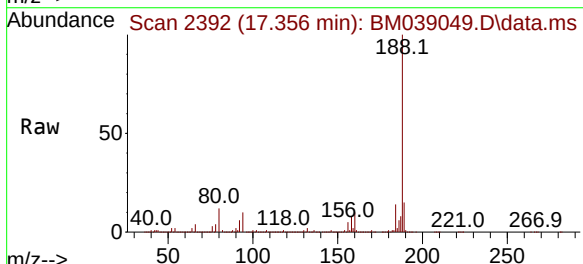
Ion	Ratio	Lower	Upper
77	100		
182	21.7	2.0	42.0
105	20.6	0.4	40.4
51	28.0	8.0	48.0

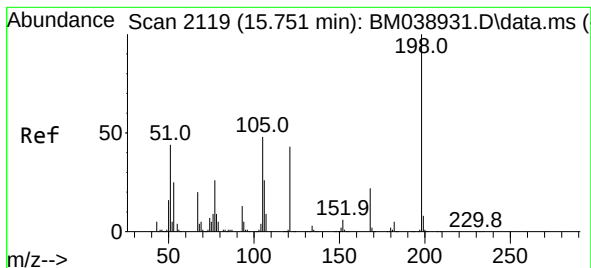


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion: 188 Resp: 1261372

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.9	11.9
80	11.5	8.5	12.7

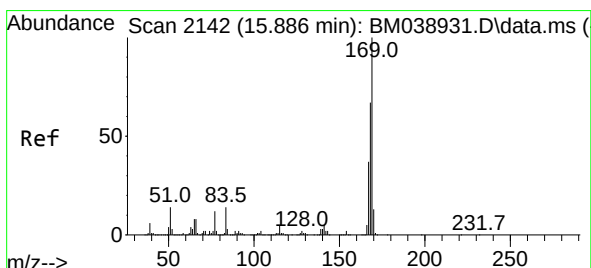
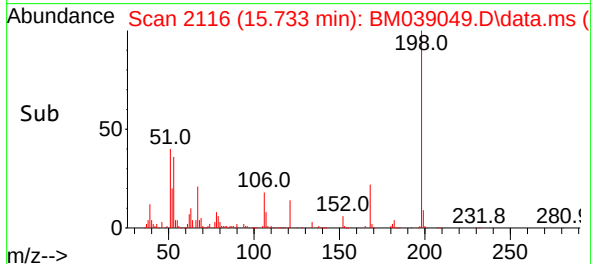
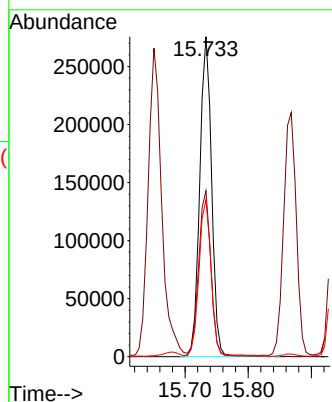
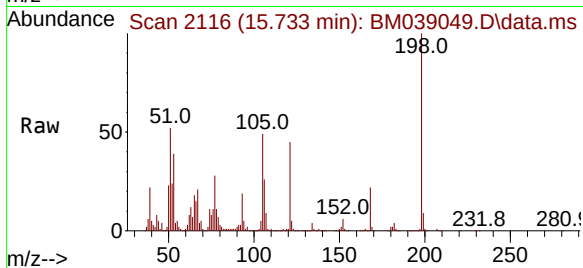




#65
4,6-Dinitro-2-methylphenol
Concen: 43.603 ng
RT: 15.733 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

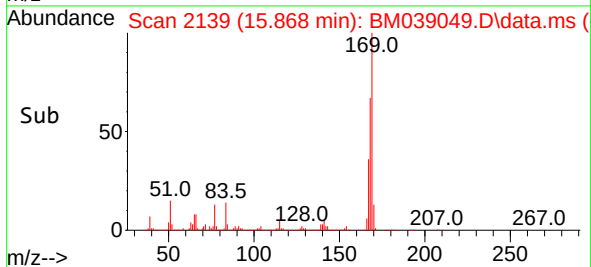
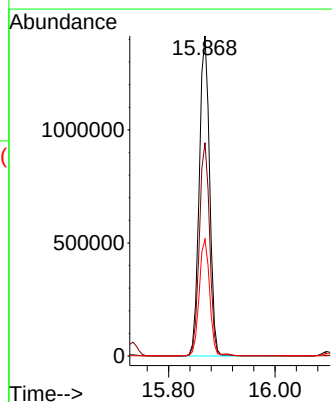
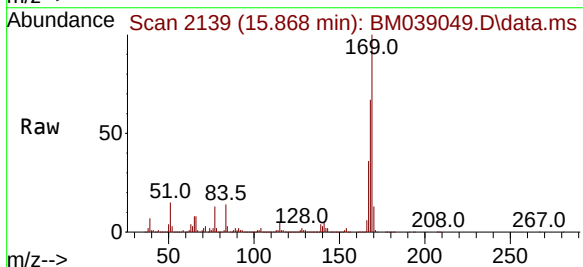
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

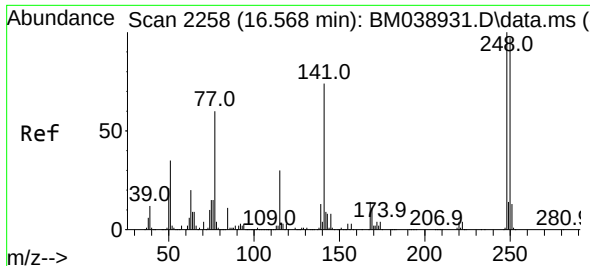
Tgt Ion:198 Resp: 357118
Ion Ratio Lower Upper
198 100
51 51.9 30.1 70.1
105 49.0 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 44.898 ng
RT: 15.868 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:169 Resp: 1909209
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 36.5 29.4 44.0

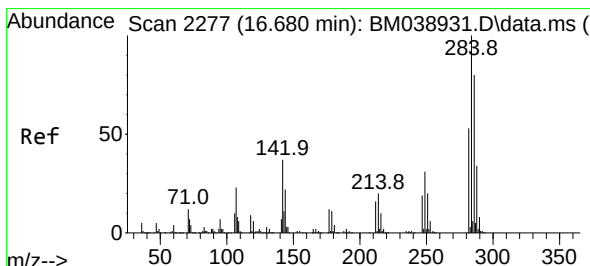
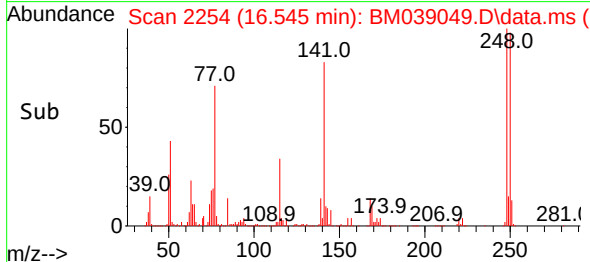
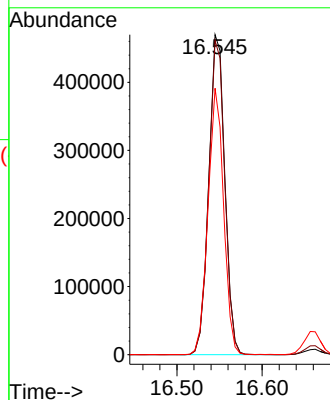
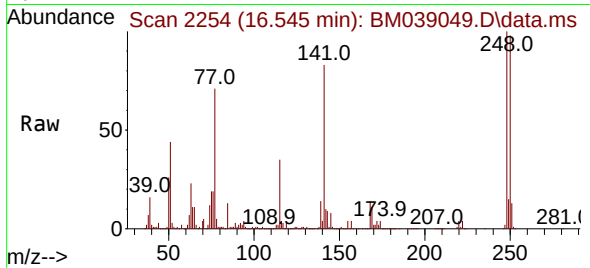




#67
4-Bromophenyl-phenylether
Concen: 45.270 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

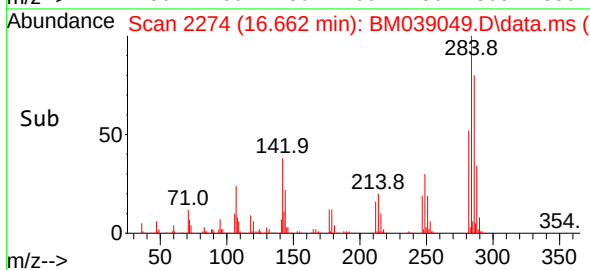
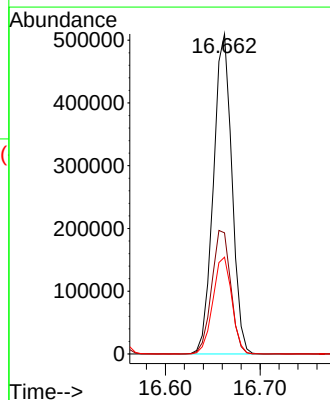
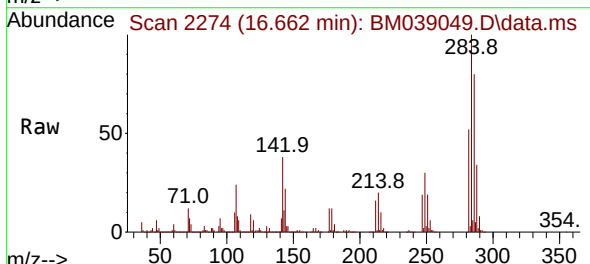
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

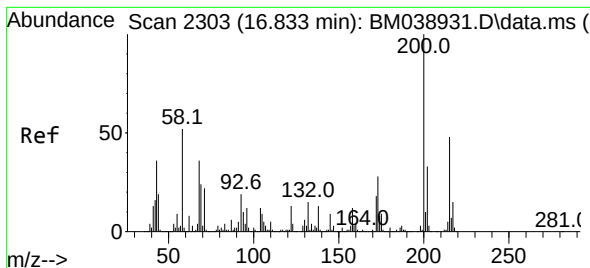
Tgt Ion:248 Resp: 616766
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 83.2 59.0 88.4



#68
Hexachlorobenzene
Concen: 45.294 ng
RT: 16.662 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:284 Resp: 689851
Ion Ratio Lower Upper
284 100
142 37.9 29.5 44.3
249 30.2 25.0 37.4





#69

Atrazine

Concen: 52.247 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

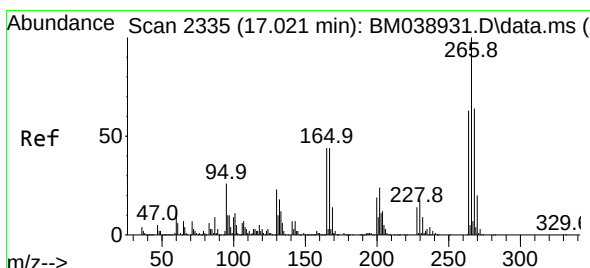
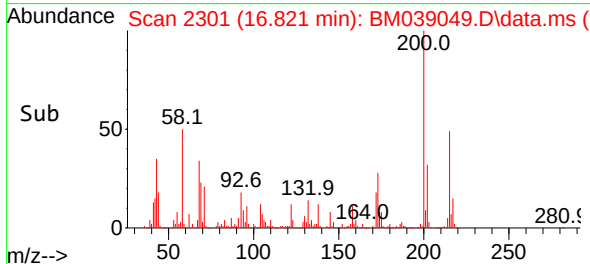
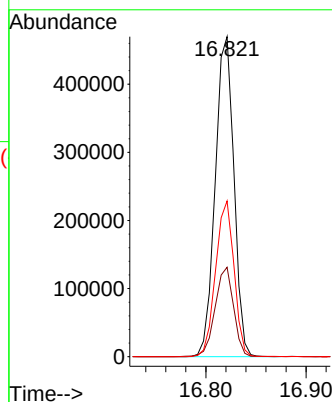
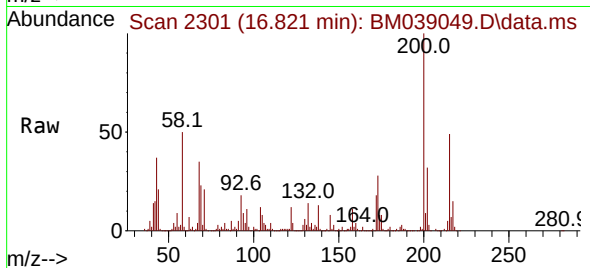
Tgt Ion:200 Resp: 606854

Ion Ratio Lower Upper

200 100

173 28.0 8.2 48.2

215 48.6 27.8 67.8



#70

Pentachlorophenol

Concen: 82.871 ng

RT: 17.003 min Scan# 2332

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

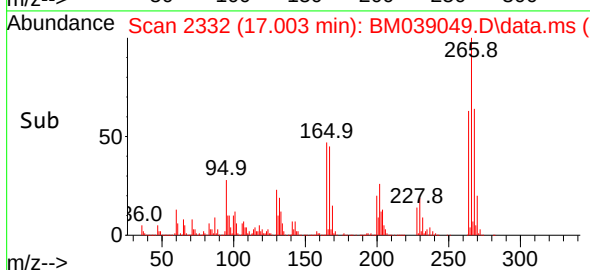
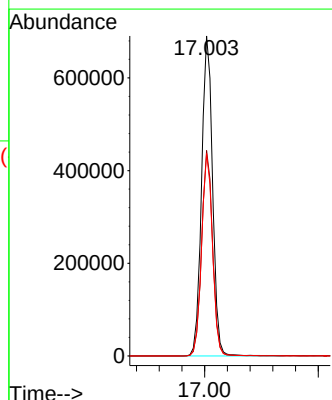
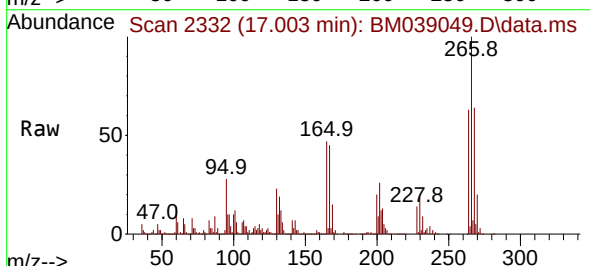
Tgt Ion:266 Resp: 928320

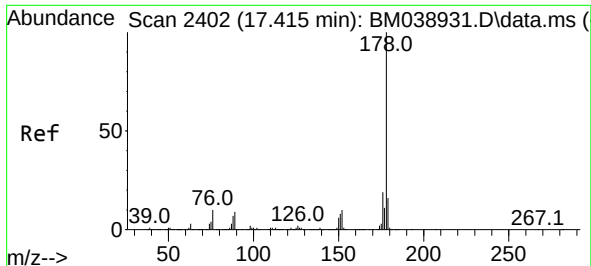
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.4

264 63.3 50.3 75.5

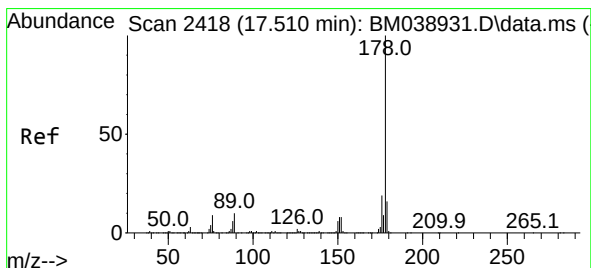
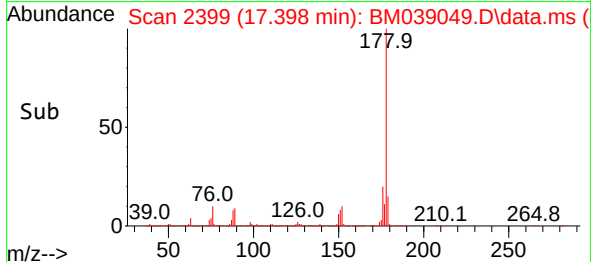
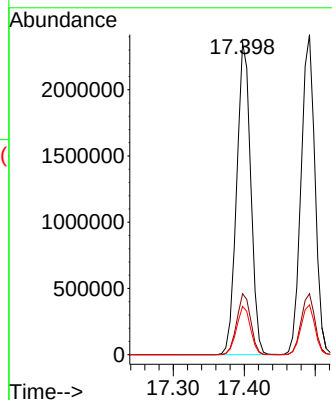
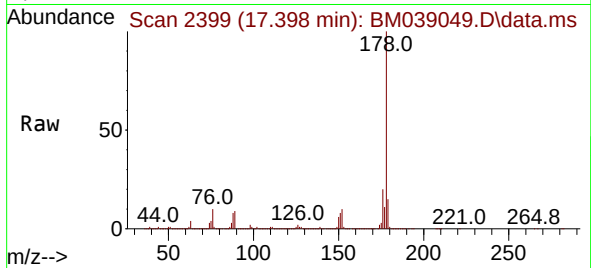




#71
Phenanthrene
Concen: 43.830 ng
RT: 17.398 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

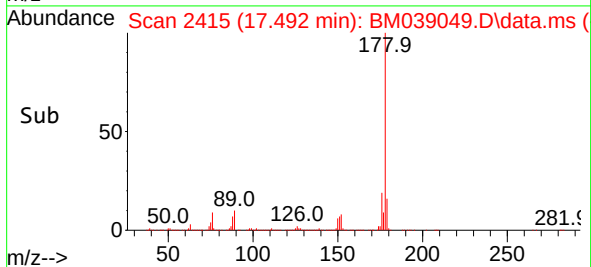
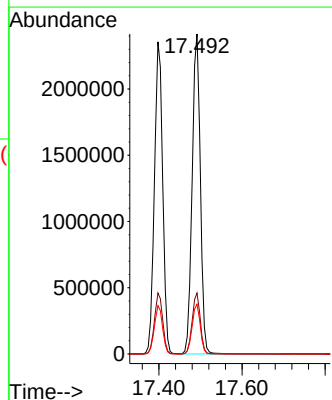
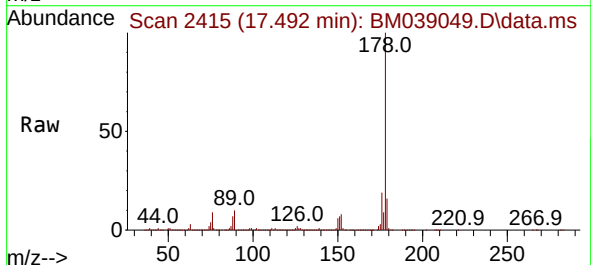
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

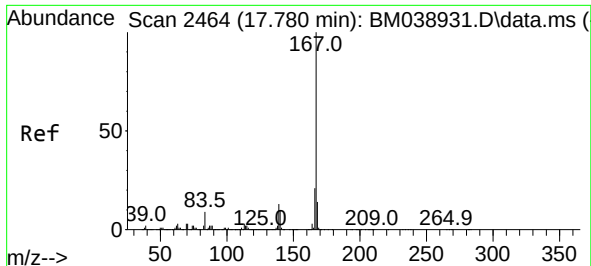
Tgt Ion:178 Resp: 3244774
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.5 12.5 18.7



#72
Anthracene
Concen: 44.513 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:178 Resp: 3286313
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.5 12.5 18.7

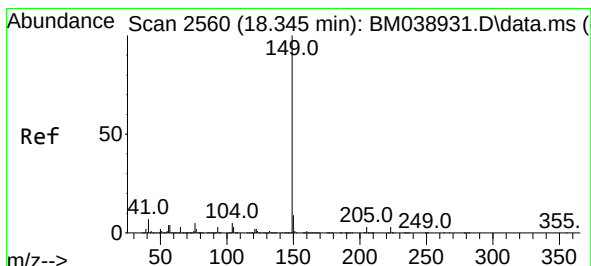
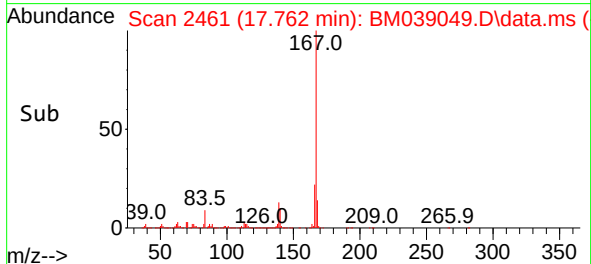
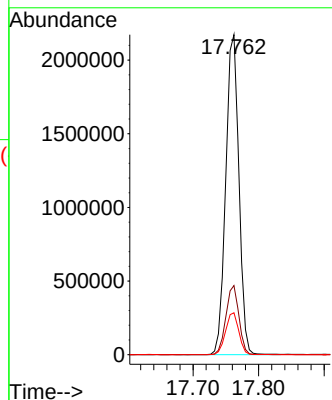
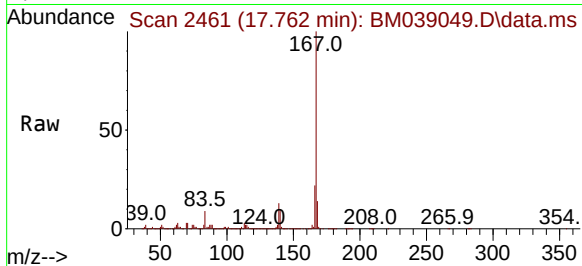




#73
 Carbazole
 Concen: 44.714 ng
 RT: 17.762 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM039049.D
 Acq: 20 Mar 2023 18:02

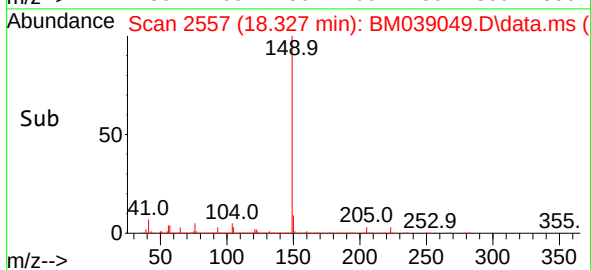
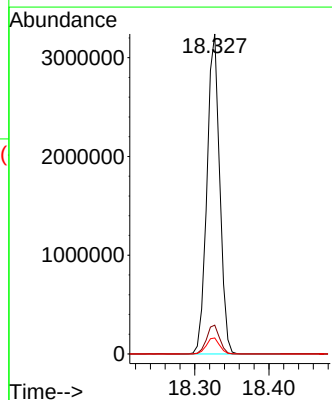
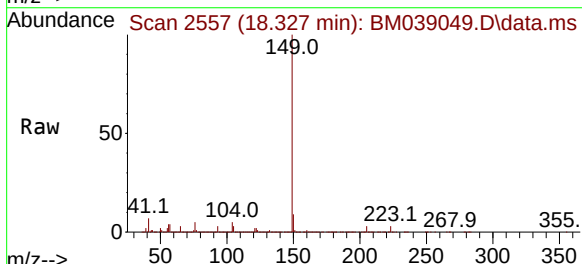
Instrument :
 BNA_M
 ClientSampleId :
 COMP-1MS

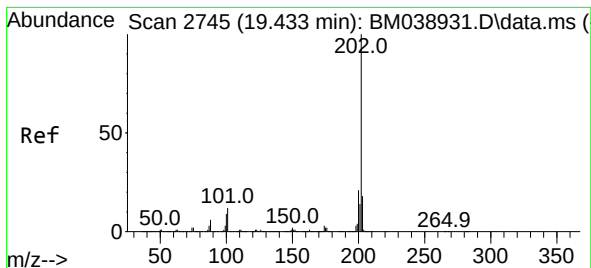
Tgt Ion:167 Resp: 3012769
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.4
 139 13.1 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 47.063 ng
 RT: 18.327 min Scan# 2557
 Delta R.T. -0.000 min
 Lab File: BM039049.D
 Acq: 20 Mar 2023 18:02

Tgt Ion:149 Resp: 3864720
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 42.277 ng

RT: 19.409 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

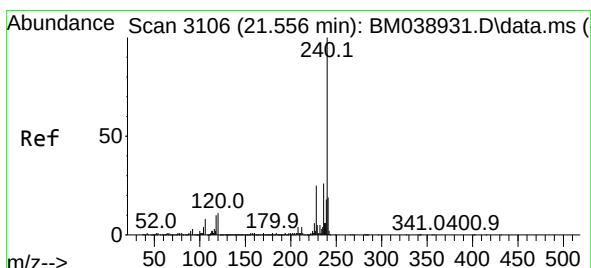
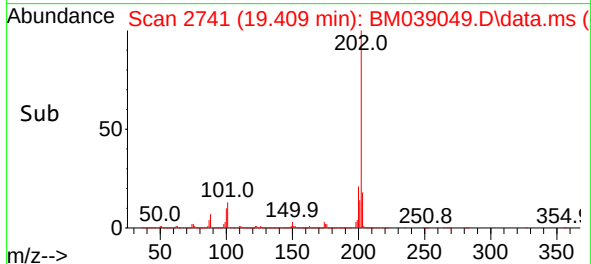
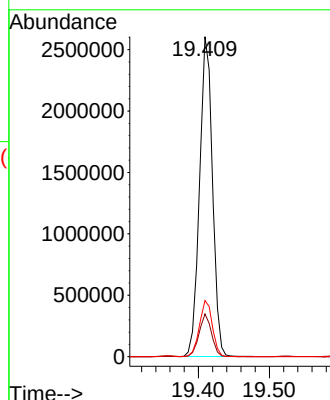
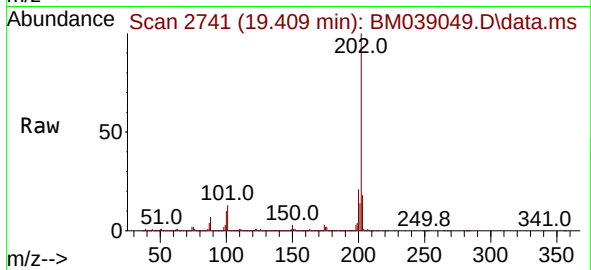
Tgt Ion:202 Resp: 3304559

Ion Ratio Lower Upper

202 100

101 13.3 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. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

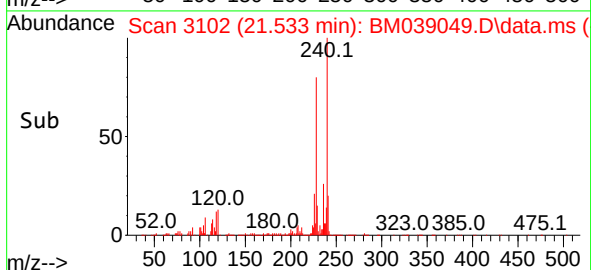
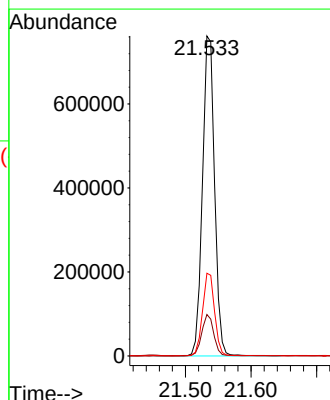
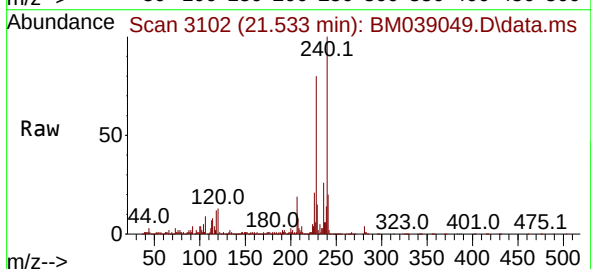
Tgt Ion:240 Resp: 981824

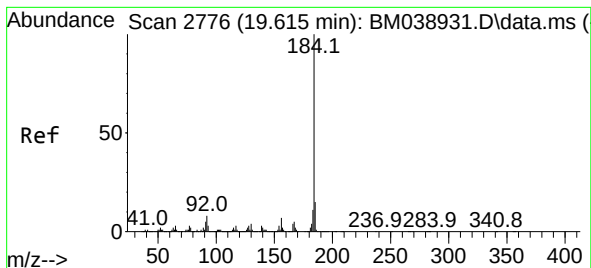
Ion Ratio Lower Upper

240 100

120 13.0 9.2 13.8

236 25.9 20.8 31.2





#77

Benzidine

Concen: 60.685 ng

RT: 19.597 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

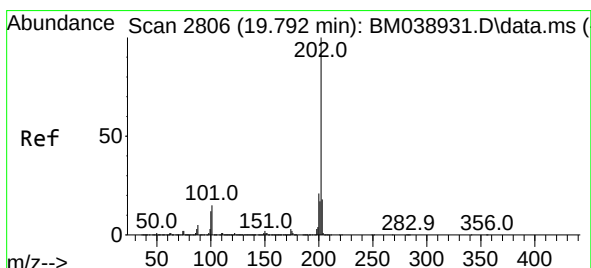
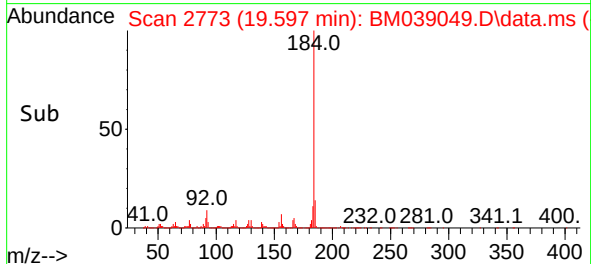
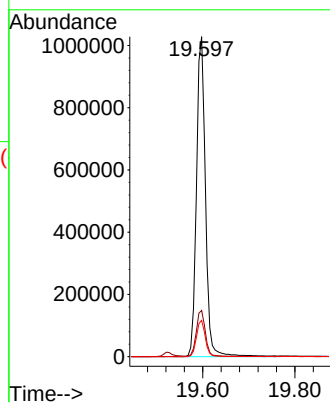
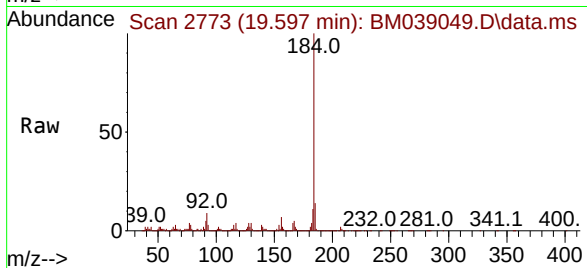
Tgt Ion:184 Resp: 1390223

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

183 11.3 8.8 13.2



#78

Pyrene

Concen: 47.186 ng

RT: 19.774 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

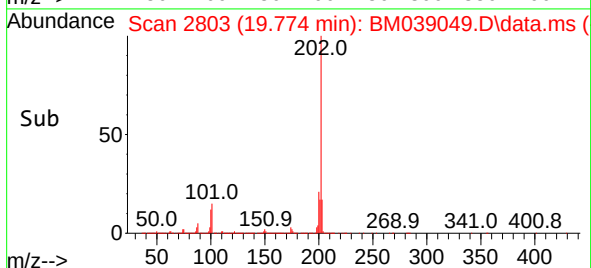
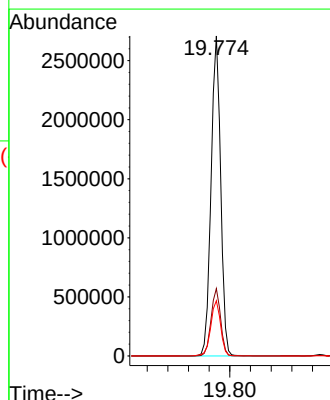
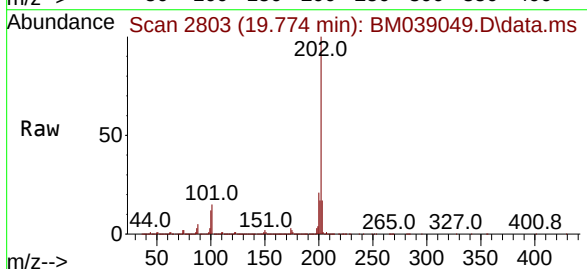
Tgt Ion:202 Resp: 3479607

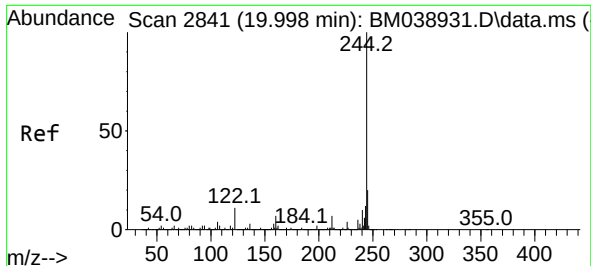
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.3 14.1 21.1

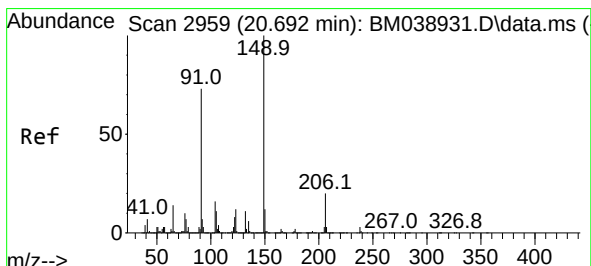
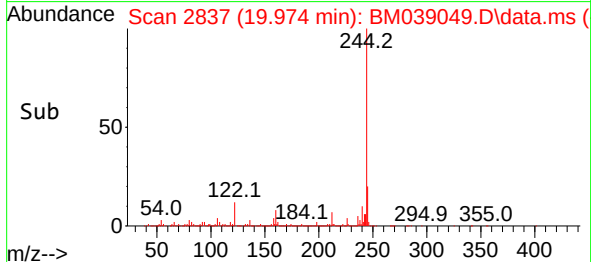
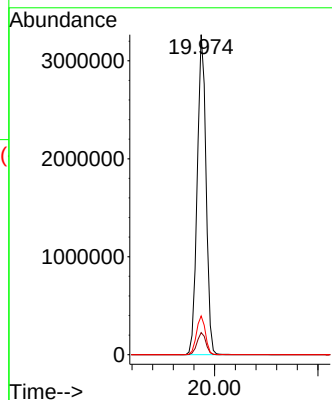
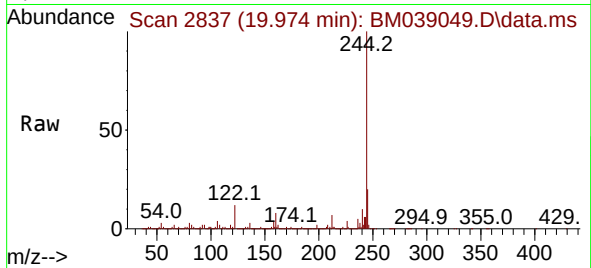




#79
 Terphenyl-d14
 Concen: 71.975 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039049.D
 Acq: 20 Mar 2023 18:02

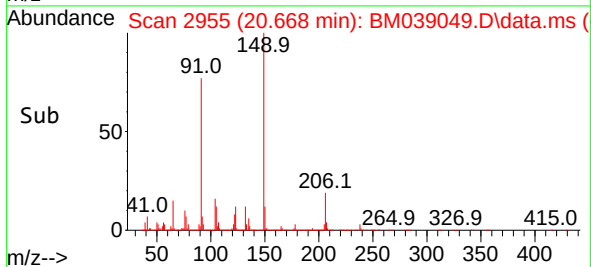
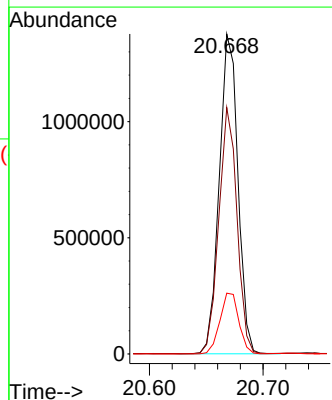
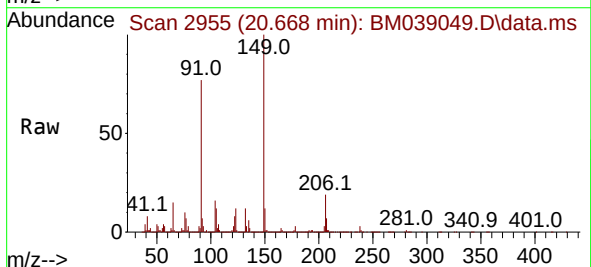
Instrument :
 BNA_M
 ClientSampleId :
 COMP-1MS

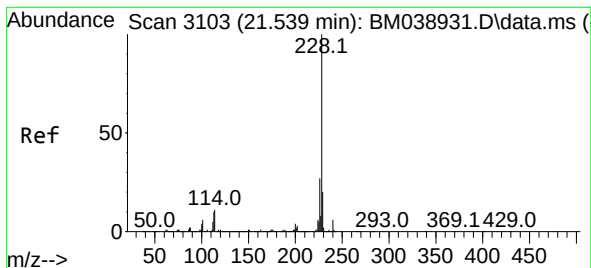
Tgt Ion:244 Resp: 3865095
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 12.1 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 49.994 ng
 RT: 20.668 min Scan# 2955
 Delta R.T. -0.006 min
 Lab File: BM039049.D
 Acq: 20 Mar 2023 18:02

Tgt Ion:149 Resp: 1572229
 Ion Ratio Lower Upper
 149 100
 91 77.0 58.4 87.6
 206 19.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 44.752 ng

RT: 21.521 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

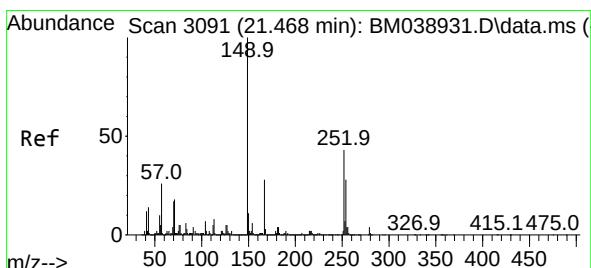
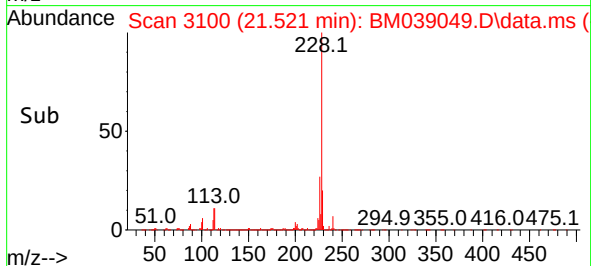
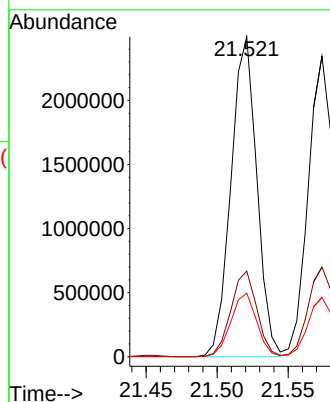
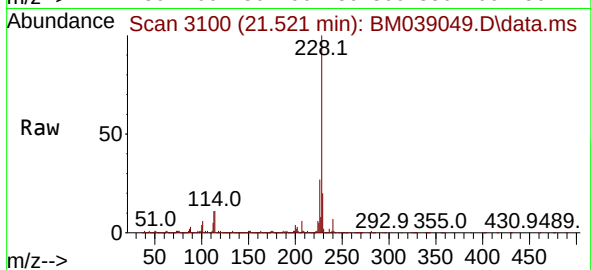
Tgt Ion:228 Resp: 3164267

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.965 ng

RT: 21.450 min Scan# 3088

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

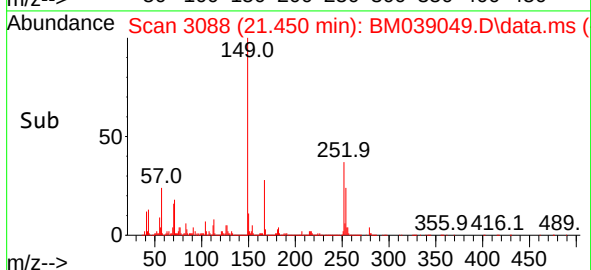
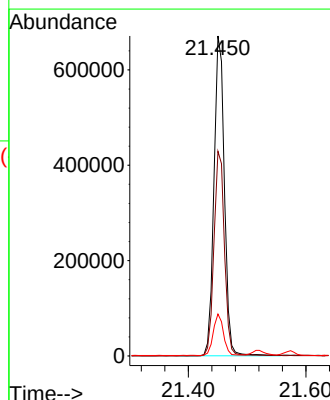
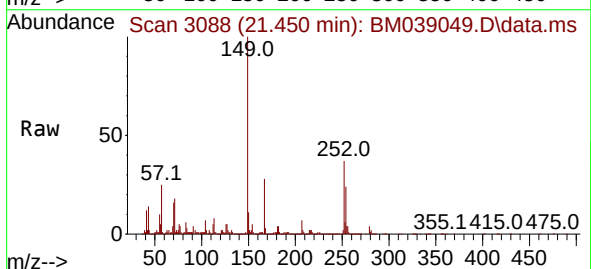
Tgt Ion:252 Resp: 824998

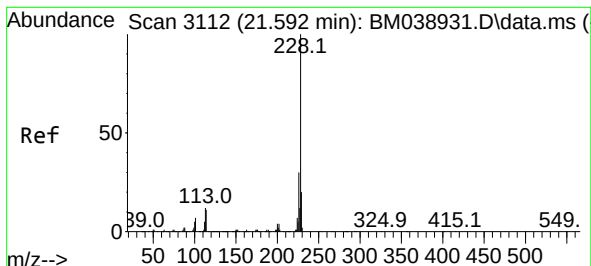
Ion Ratio Lower Upper

252 100

254 63.9 51.5 77.3

126 13.1 9.9 14.9





#83

Chrysene

Concen: 43.235 ng

RT: 21.574 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

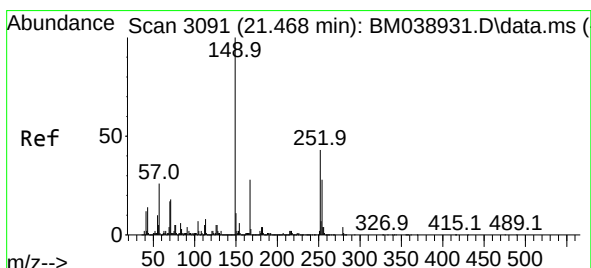
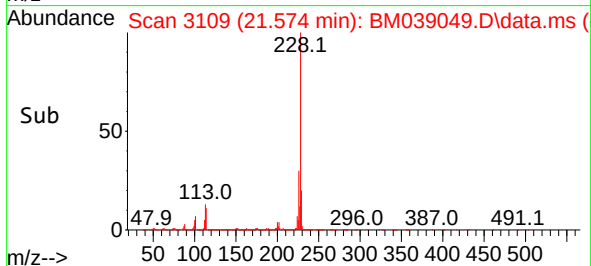
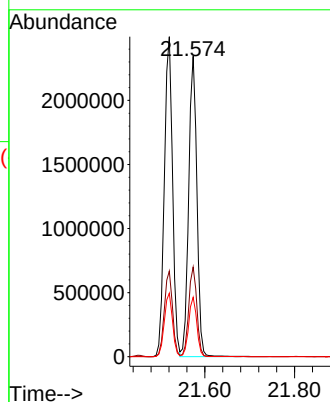
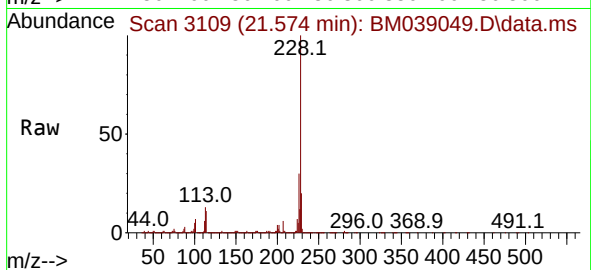
Tgt Ion:228 Resp: 2973140

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.997 ng

RT: 21.444 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

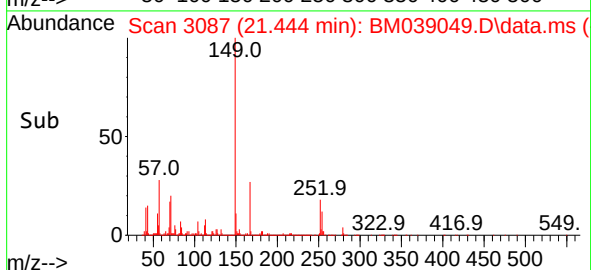
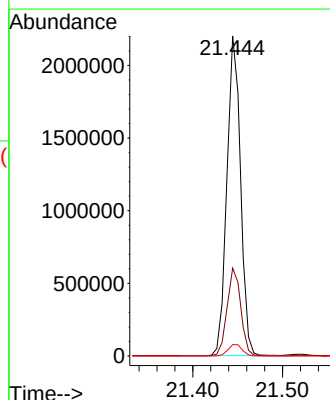
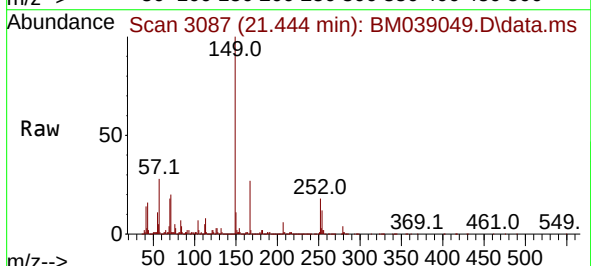
Tgt Ion:149 Resp: 2319432

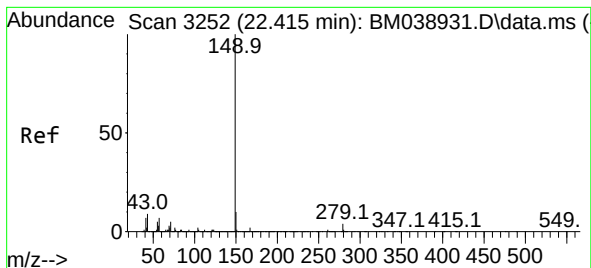
Ion Ratio Lower Upper

149 100

167 27.5 22.3 33.5

279 3.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 50.945 ng

RT: 22.386 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

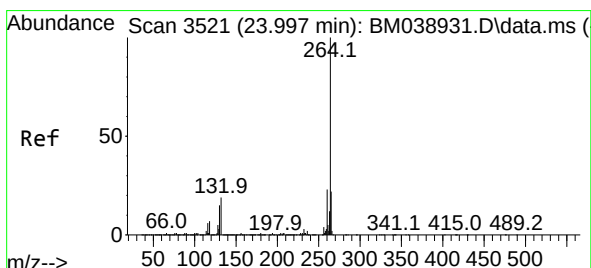
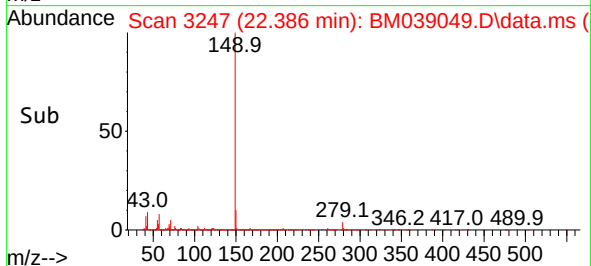
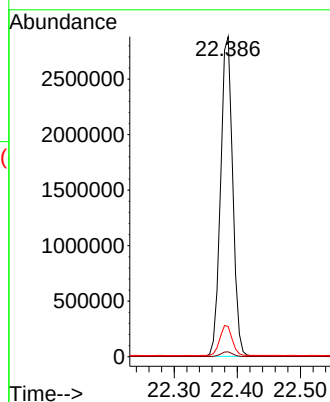
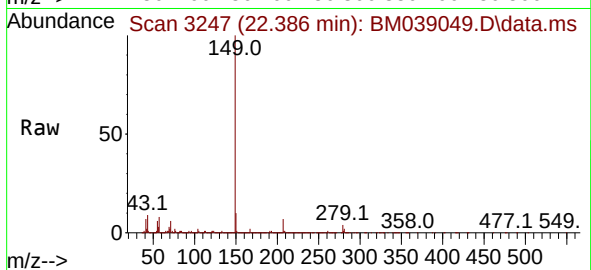
Tgt Ion:149 Resp: 3851895

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.6 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.968 min Scan# 3516

Delta R.T. -0.012 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

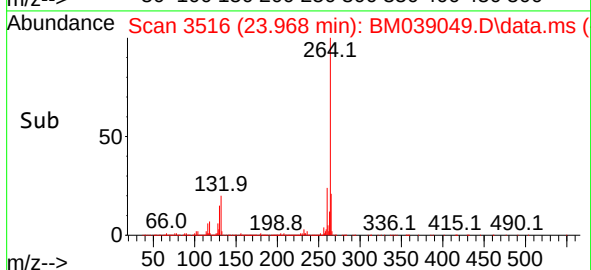
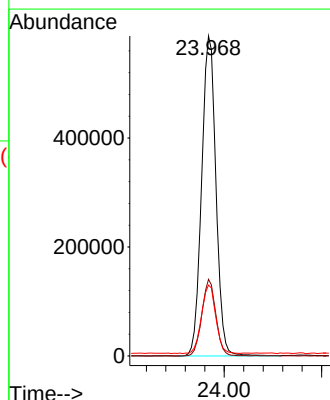
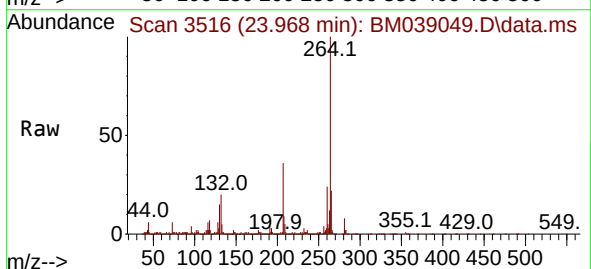
Tgt Ion:264 Resp: 1198330

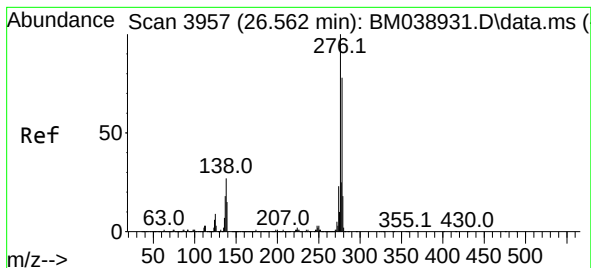
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.882 ng

RT: 26.509 min Scan# 3948

Delta R.T. -0.012 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

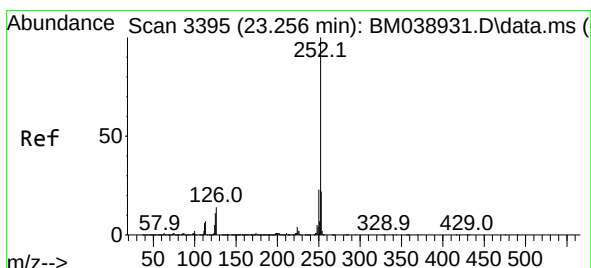
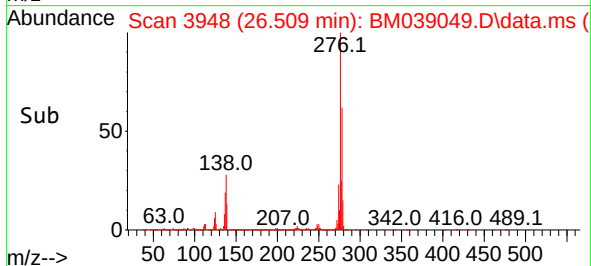
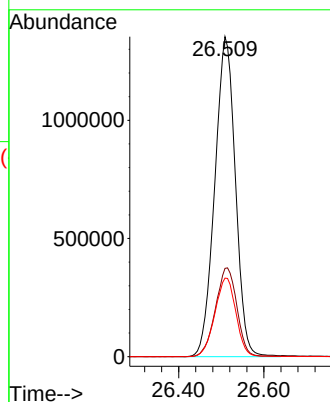
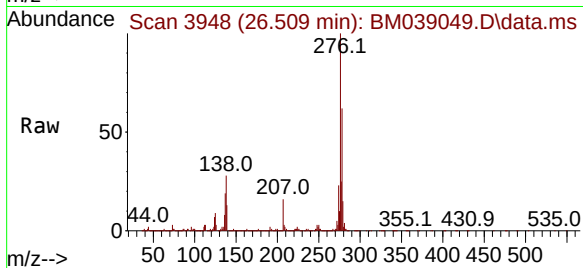
Tgt Ion:276 Resp: 4548421

Ion Ratio Lower Upper

276 100

138 28.8 22.1 33.1

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.903 ng

RT: 23.227 min Scan# 3390

Delta R.T. -0.012 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

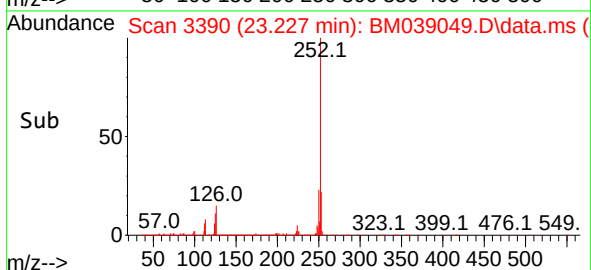
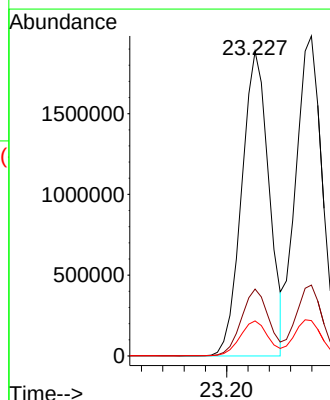
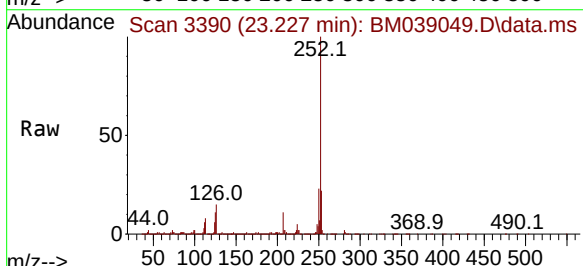
Tgt Ion:252 Resp: 3361131

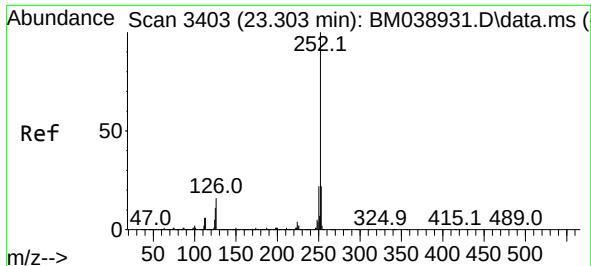
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.5 8.8 13.2

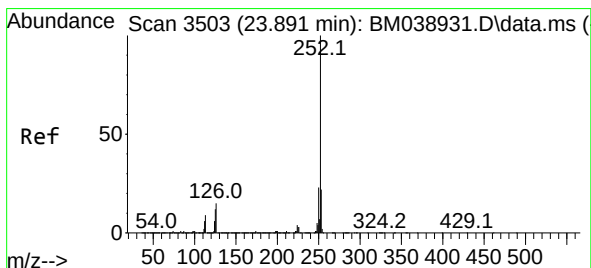
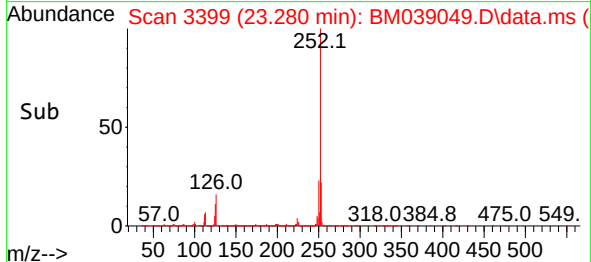
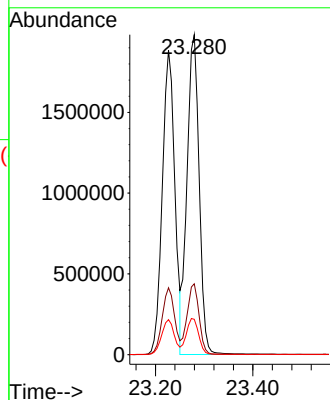
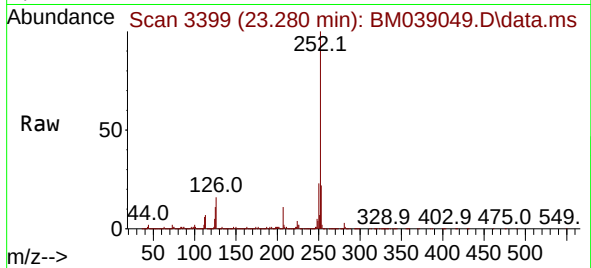




#89
Benzo(k)fluoranthene
Concen: 42.955 ng
RT: 23.280 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

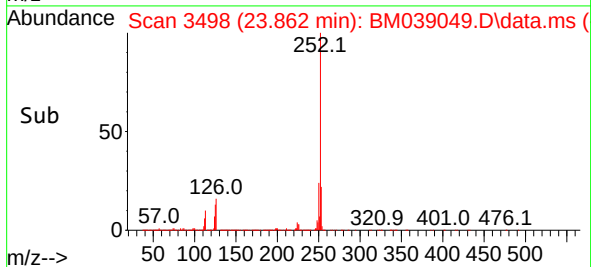
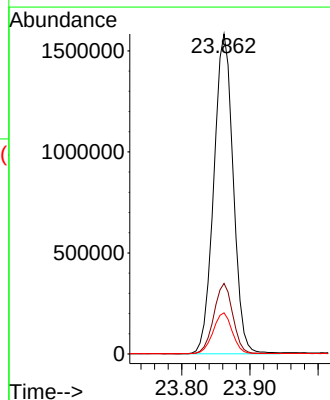
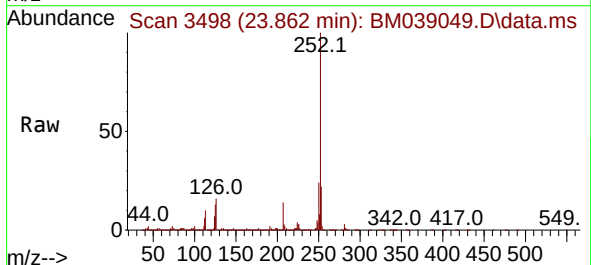
Instrument :
BNA_M
ClientSampleId :
COMP-1MS

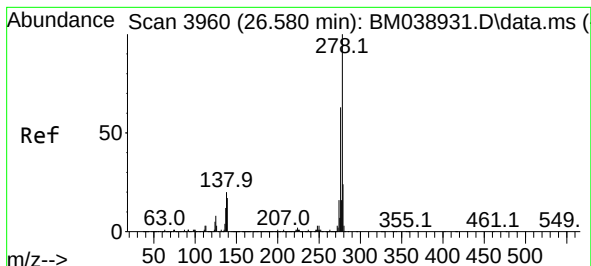
Tgt Ion:252 Resp: 3422389
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.1 8.9 13.3



#90
Benzo(a)pyrene
Concen: 42.566 ng
RT: 23.862 min Scan# 3498
Delta R.T. -0.012 min
Lab File: BM039049.D
Acq: 20 Mar 2023 18:02

Tgt Ion:252 Resp: 3136285
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 12.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 49.390 ng

RT: 26.526 min Scan# 3960

Delta R.T. -0.012 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Instrument :

BNA_M

ClientSampleId :

COMP-1MS

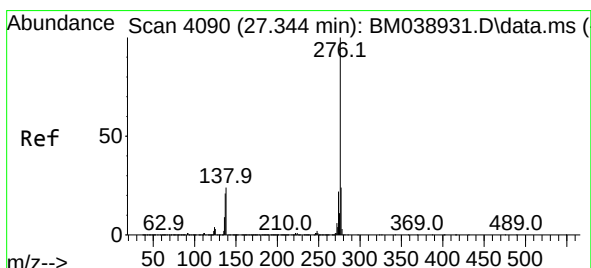
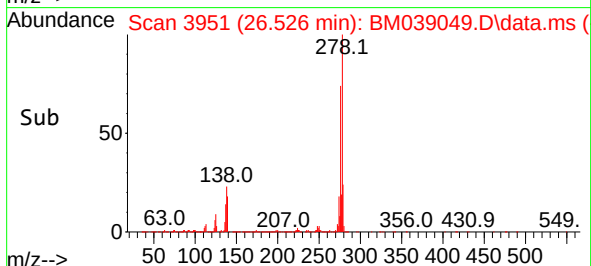
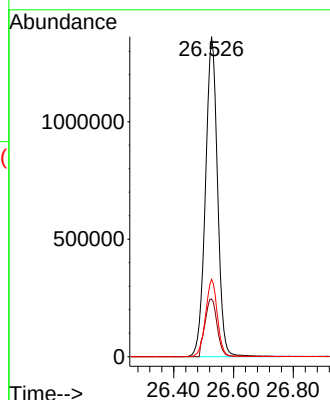
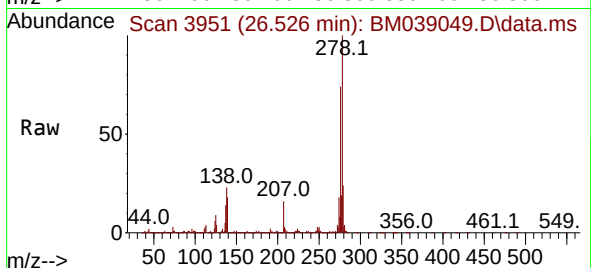
Tgt Ion:278 Resp: 3813963

Ion Ratio Lower Upper

278 100

139 18.0 13.7 20.5

279 24.1 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 49.554 ng

RT: 27.291 min Scan# 4081

Delta R.T. -0.012 min

Lab File: BM039049.D

Acq: 20 Mar 2023 18:02

Tgt Ion:276 Resp: 3743828

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 24.8 19.0 28.6

