

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
 Data File : BM043979.D
 Acq On : 05 Feb 2024 15:49
 Operator : MA/JU
 Sample : SSTDIC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 06 05:56:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 05:48:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	285930	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1321154	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	830490	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1843735	20.000	ng	0.00
76) Chrysene-d12	21.527	240	1944262	20.000	ng	0.00
86) Perylene-d12	23.933	264	2330027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	3198230	165.178	ng	0.00
7) Phenol-d6	7.093	99	4829340	168.810	ng	0.00
23) Nitrobenzene-d5	9.098	82	4528829	165.245	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1771563	174.994	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	9687120	160.276	ng	0.00
79) Terphenyl-d14	19.956	244	13578646	134.820	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	583443	77.968	ng	100
3) Pyridine	3.793	79	1587089	69.694	ng	99
4) n-Nitrosodimethylamine	3.716	42	782729	79.954	ng	# 92
6) Aniline	7.257	93	2406650	84.549	ng	98
8) 2-Chlorophenol	7.487	128	1768624	82.271	ng	99
9) Benzaldehyde	7.069	77	819155	59.904	ng	99
10) Phenol	7.122	94	2361118	83.008	ng	99
11) bis(2-Chloroethyl)ether	7.363	93	1783050	79.980	ng	98
12) 1,3-Dichlorobenzene	7.810	146	1844791	79.483	ng	99
13) 1,4-Dichlorobenzene	7.957	146	1871561	79.733	ng	99
14) 1,2-Dichlorobenzene	8.275	146	1833688	79.212	ng	99
15) Benzyl Alcohol	8.175	79	1642905	83.785	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.469	45	2350388	78.848	ng	99
17) 2-Methylphenol	8.369	107	1537324	84.549	ng	98
18) Hexachloroethane	8.998	117	706248	80.179	ng	99
19) n-Nitroso-di-n-propyla...	8.745	70	1533445	81.460	ng	99
20) 3+4-Methylphenols	8.704	107	2183870	85.097	ng	99
22) Acetophenone	8.757	105	2894138	80.847	ng	# 99
24) Nitrobenzene	9.140	77	2231914	81.167	ng	97
25) Isophorone	9.663	82	4301502	84.311	ng	99
26) 2-Nitrophenol	9.845	139	1021466	91.911	ng	97
27) 2,4-Dimethylphenol	9.910	122	1311426	85.939	ng	98
28) bis(2-Chloroethoxy)met...	10.157	93	2516947	80.784	ng	100
29) 2,4-Dichlorophenol	10.375	162	1714767	88.100	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	1793204	81.571	ng	98
31) Naphthalene	10.781	128	6024452	81.811	ng	99
32) Benzoic acid	10.081	122	1462519	96.818	ng	95
33) 4-Chloroaniline	10.904	127	2570301	84.920	ng	99
34) Hexachlorobutadiene	11.051	225	964191	80.418	ng	100
35) Caprolactam	11.710	113	613231	76.831	ng	98
36) 4-Chloro-3-methylphenol	12.022	107	2057646	86.329	ng	99
37) 2-Methylnaphthalene	12.392	142	4239743	82.561	ng	99
38) 1-Methylnaphthalene	12.610	142	4215202	82.225	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1944388	82.549	ng	100
41) Hexachlorocyclopentadiene	12.728	237	639223	82.514	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	1396482	87.730	ng	98

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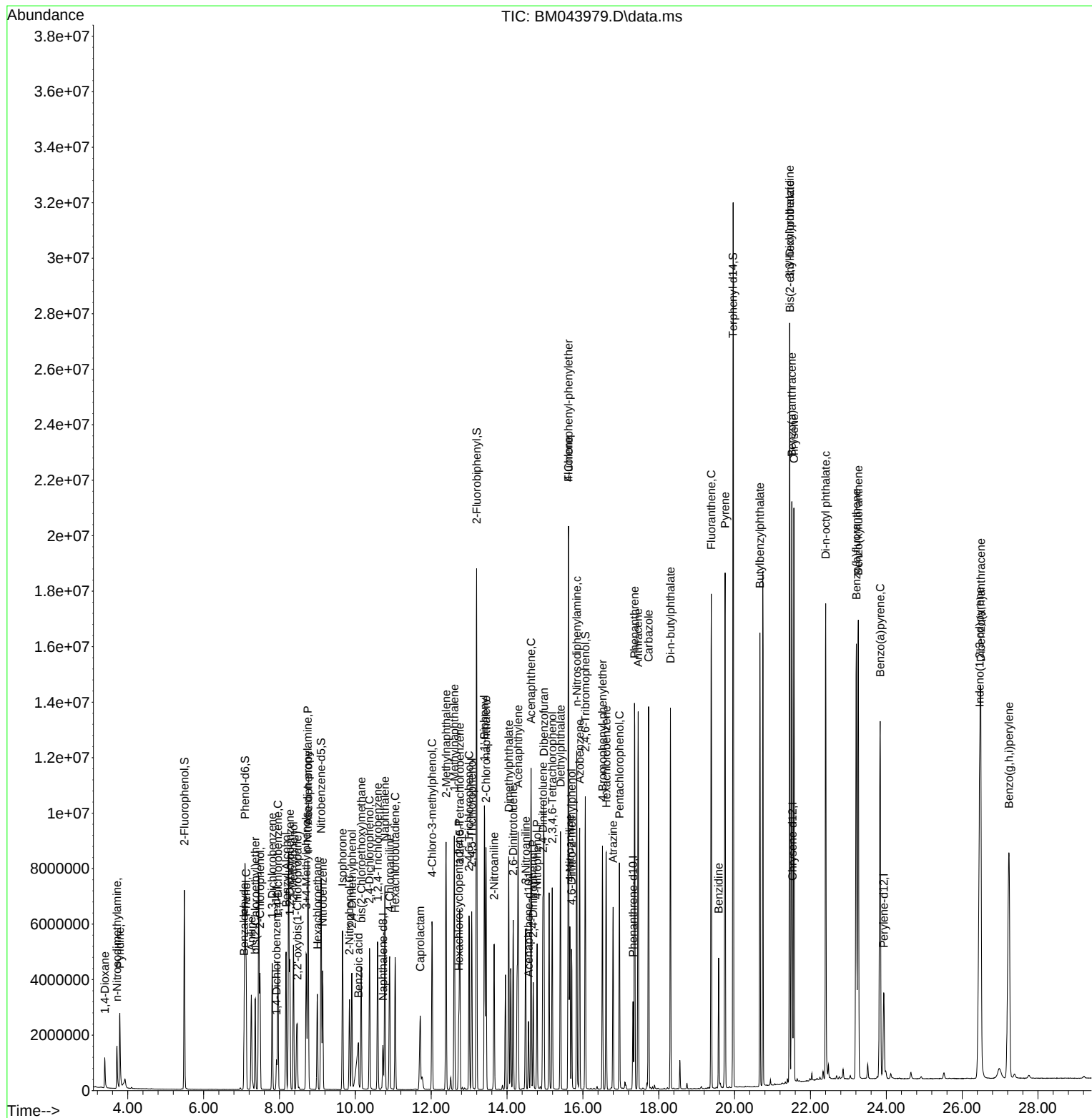
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	1585042	87.278	ng	99
46) 1,1'-Biphenyl	13.404	154	5318366	81.435	ng	100
47) 2-Chloronaphthalene	13.445	162	4238191	81.373	ng	99
48) 2-Nitroaniline	13.657	65	1484470	87.633	ng	98
49) Acenaphthylene	14.292	152	6633313	83.317	ng	100
50) Dimethylphthalate	14.045	163	5230298	81.079	ng	99
51) 2,6-Dinitrotoluene	14.163	165	1233691	87.003	ng	95
52) Acenaphthene	14.633	154	4149871	82.224	ng	99
53) 3-Nitroaniline	14.492	138	1447435	87.928	ng	99
54) 2,4-Dinitrophenol	14.692	184	721557	99.535	ng	94
55) Dibenzofuran	14.969	168	6354110	80.898	ng	99
56) 4-Nitrophenol	14.792	139	1282776	89.170	ng	99
57) 2,4-Dinitrotoluene	14.945	165	1771300	89.737	ng	96
58) Fluorene	15.621	166	5387958	81.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	1319713	84.292	ng	99
60) Diethylphthalate	15.410	149	5507207	82.467	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	2503198	80.889	ng	97
62) 4-Nitroaniline	15.657	138	1587947	88.227	ng	96
63) Azobenzene	15.916	77	5475433	82.091	ng	96
65) 4,6-Dinitro-2-methylph...	15.704	198	985107	95.460	ng	99
66) n-Nitrosodiphenylamine	15.839	169	4582460	83.438	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	1555367	85.634	ng	98
68) Hexachlorobenzene	16.616	284	1787267	82.531	ng	96
69) Atrazine	16.798	200	1072773	70.605	ng	99
70) Pentachlorophenol	16.963	266	1277936	89.869	ng	99
71) Phenanthrene	17.363	178	8477864	82.555	ng	99
72) Anthracene	17.457	178	8389622	83.446	ng	99
73) Carbazole	17.733	167	8675962	83.323	ng	100
74) Di-n-butylphthalate	18.310	149	9710233	85.035	ng	99
75) Fluoranthene	19.386	202	10531233	82.926	ng	99
77) Benzidine	19.580	184	2566251	104.031	ng	100
78) Pyrene	19.751	202	11172327	83.596	ng	99
80) Butylbenzylphthalate	20.668	149	4825424	91.181	ng	99
81) Benzo(a)anthracene	21.509	228	10983521	80.523	ng	98
82) 3,3'-Dichlorobenzidine	21.450	252	3784072	86.762	ng	99
83) Chrysene	21.562	228	10486200	80.243	ng	98
84) Bis(2-ethylhexyl)phtha...	21.456	149	6752113	85.794	ng	97
85) Di-n-octyl phthalate	22.403	149	12089785	89.173	ng	99
87) Indeno(1,2,3-cd)pyrene	26.462	276	14114981	80.958	ng	100
88) Benzo(b)fluoranthene	23.209	252	12235036	83.479	ng	99
89) Benzo(k)fluoranthene	23.262	252	11587116	82.403	ng	99
90) Benzo(a)pyrene	23.839	252	10952319	84.542	ng	100
91) Dibenzo(a,h)anthracene	26.491	278	11620738	80.819	ng	100
92) Benzo(g,h,i)perylene	27.232	276	11624763	79.263	ng	99

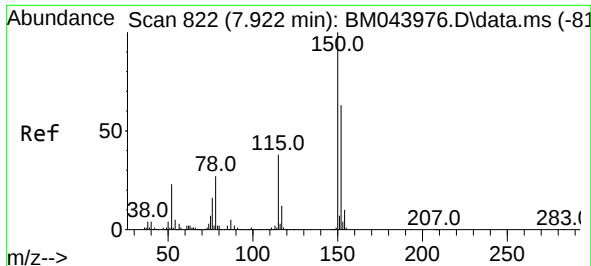
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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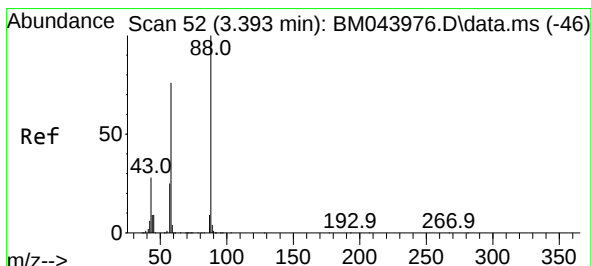
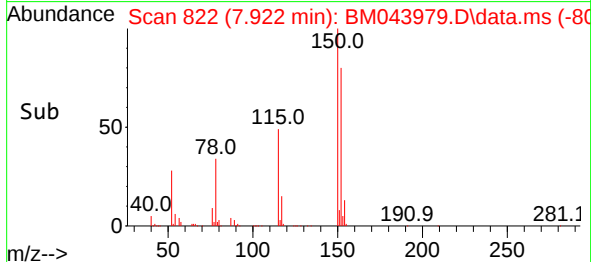
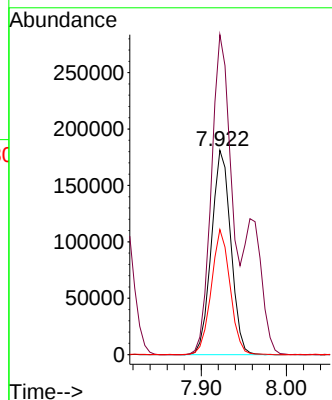
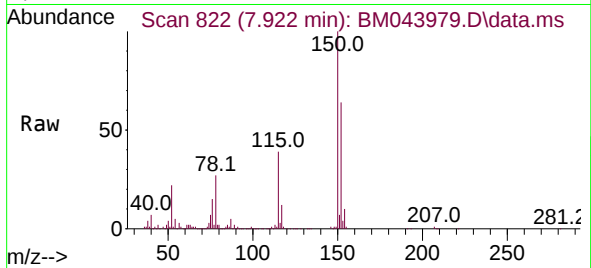




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM043979.D
 Acq: 05 Feb 2024 15:49

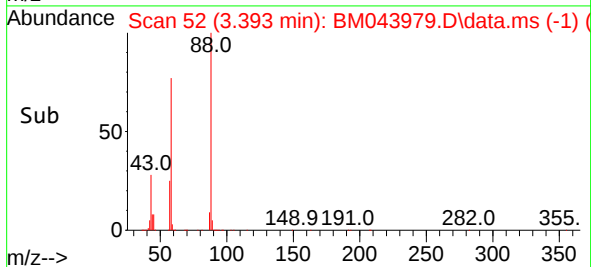
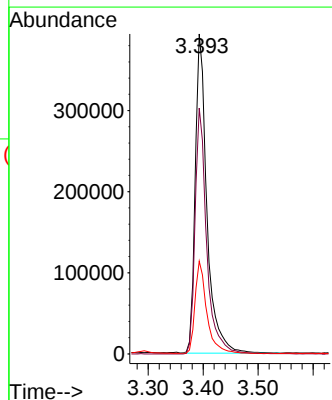
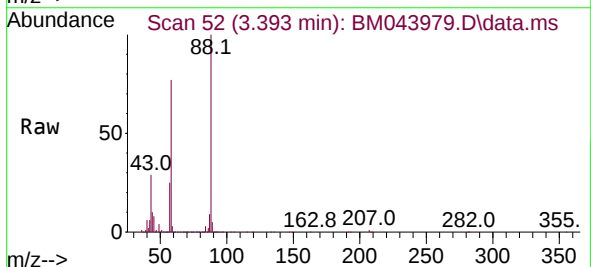
Instrument :
 BNA_M
 ClientSampleId :

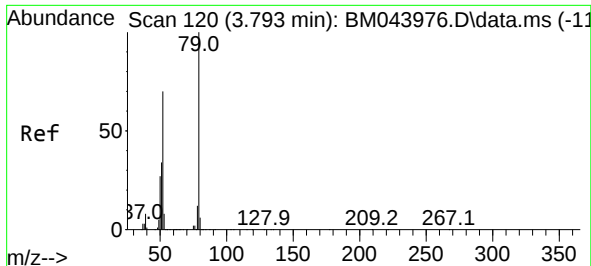
Tgt Ion:152 Resp: 285930
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.1 189.1
 115 61.2 48.2 72.2



#2
 1,4-Dioxane
 Concen: 77.968 ng
 RT: 3.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: BM043979.D
 Acq: 05 Feb 2024 15:49

Tgt Ion: 88 Resp: 583443
 Ion Ratio Lower Upper
 88 100
 58 76.3 61.0 91.6
 43 28.9 23.0 34.6

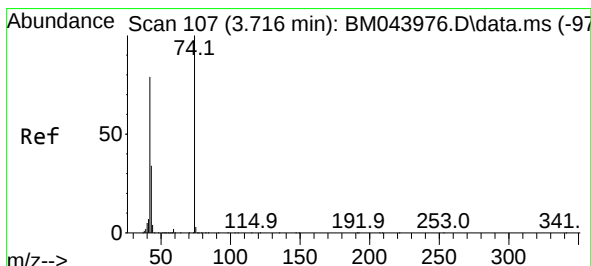
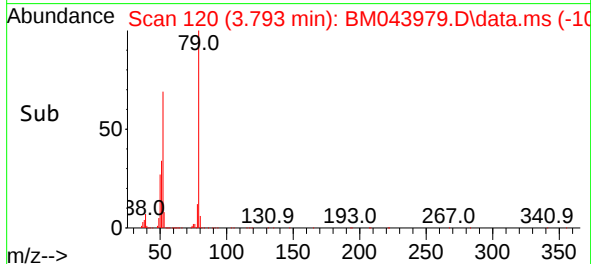
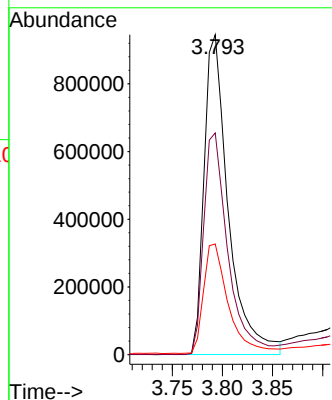
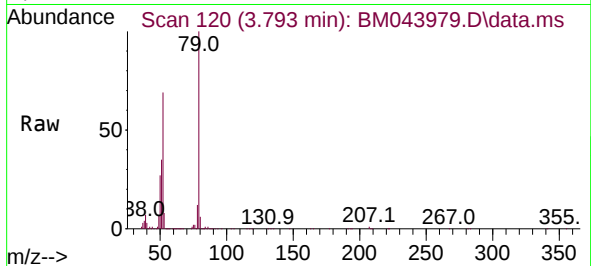




#3
Pyridine
Concen: 69.694 ng
RT: 3.793 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

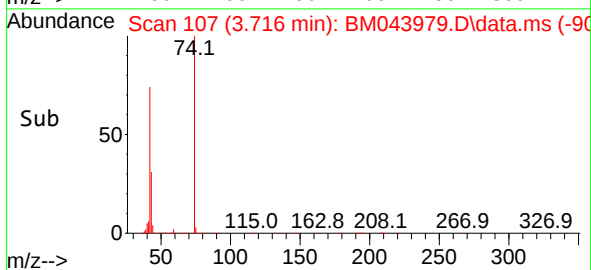
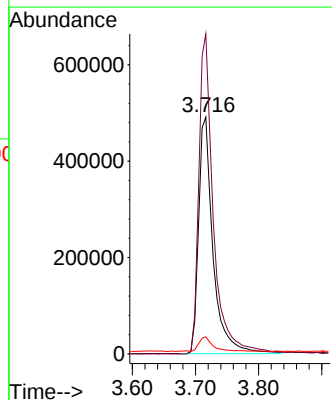
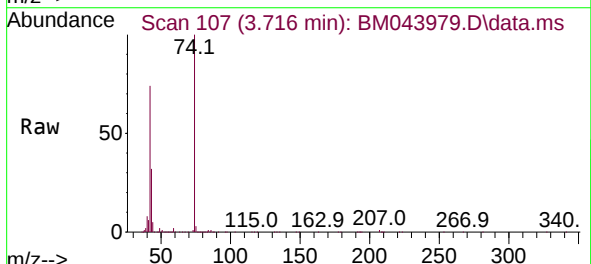
Instrument :
BNA_M
ClientSampleId :

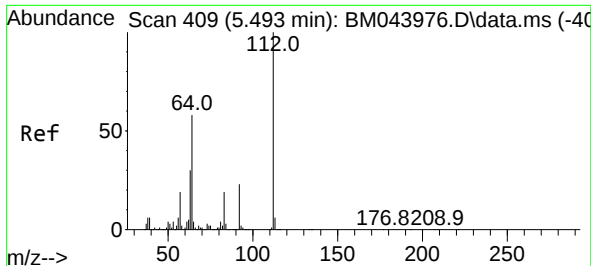
Tgt Ion: 79 Resp: 1587089
Ion Ratio Lower Upper
79 100
52 69.3 55.9 83.9
51 34.6 28.2 42.2



#4
n-Nitrosodimethylamine
Concen: 79.954 ng
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion: 42 Resp: 782729
Ion Ratio Lower Upper
42 100
74 135.2 100.7 151.1
44 7.2 7.3 10.9#

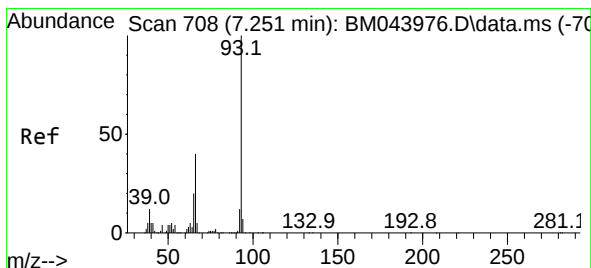
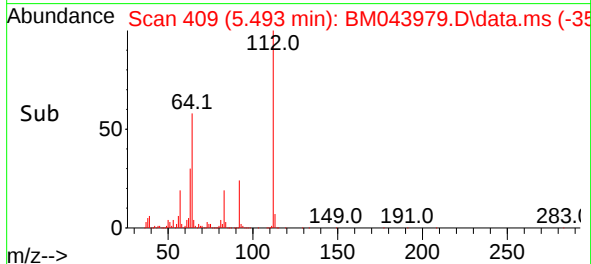
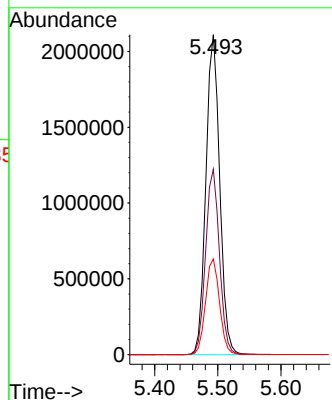
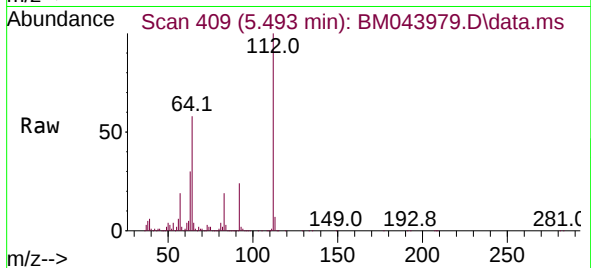




#5
2-Fluorophenol
Concen: 165.178 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

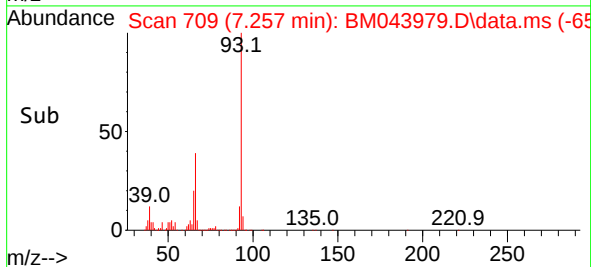
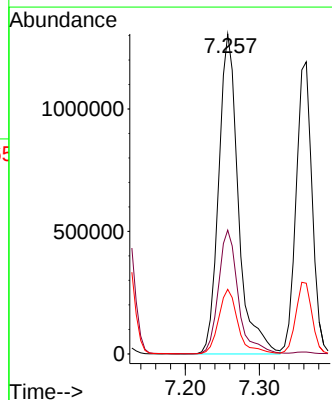
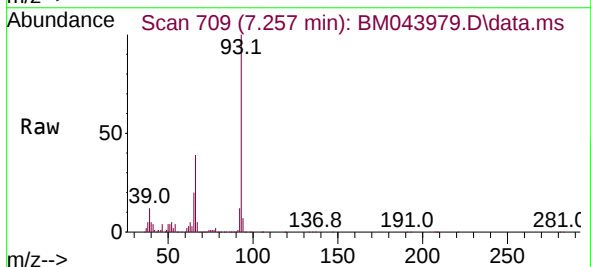
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BNA_M
ClientSampleId :

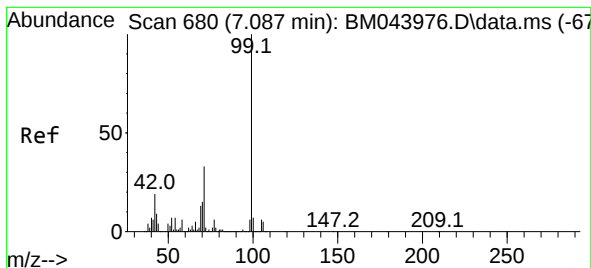
Tgt Ion:112 Resp: 3198230
Ion Ratio Lower Upper
112 100
64 57.9 46.6 70.0
63 29.9 24.2 36.4



#6
Aniline
Concen: 84.549 ng
RT: 7.257 min Scan# 709
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion: 93 Resp: 2406650
Ion Ratio Lower Upper
93 100
66 38.7 32.2 48.2
65 20.2 15.8 23.8





#7

Phenol-d6

Concen: 168.810 ng

RT: 7.093 min Scan# 681

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

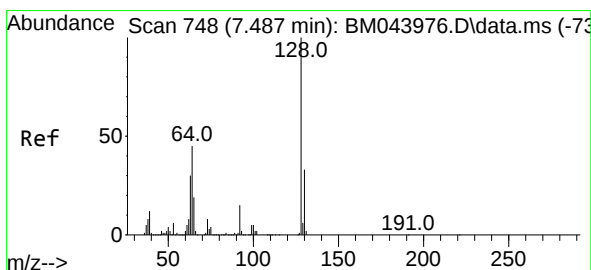
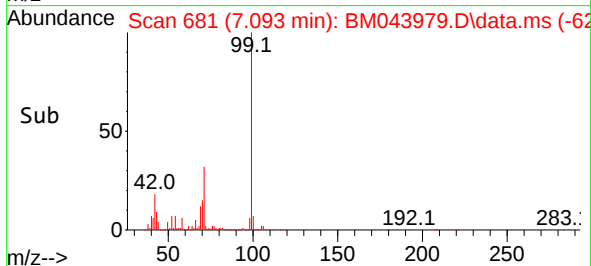
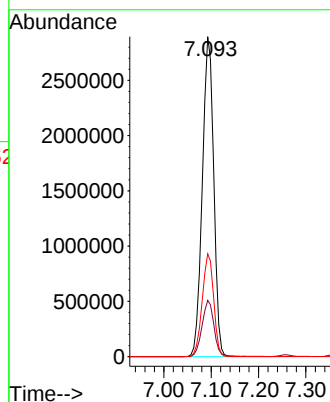
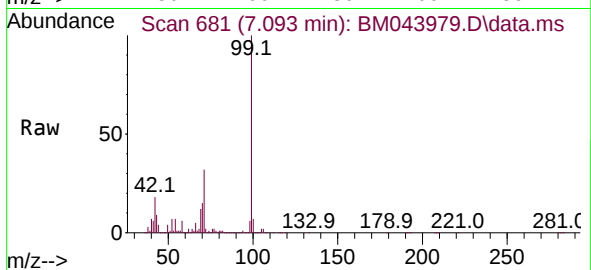
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 99 Resp: 4829340

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.9	22.3
71	32.1	26.3	39.5



#8

2-Chlorophenol

Concen: 82.271 ng

RT: 7.487 min Scan# 748

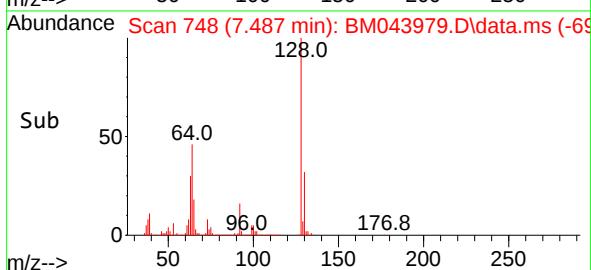
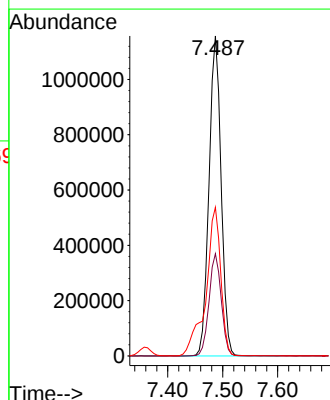
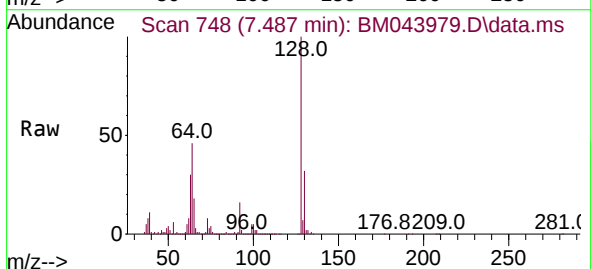
Delta R.T. 0.000 min

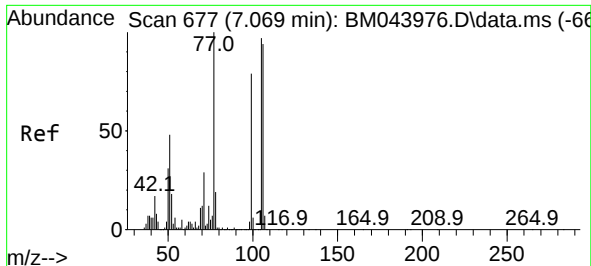
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Tgt Ion: 128 Resp: 1768624

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	46.4	25.6	65.6

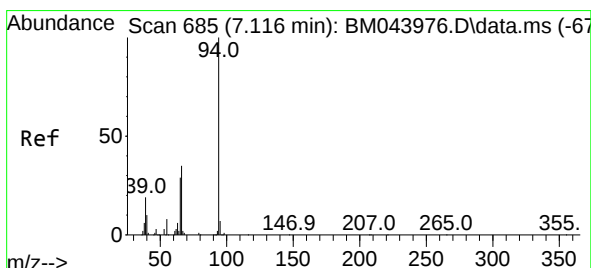
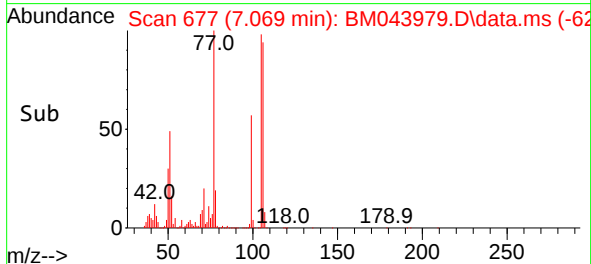
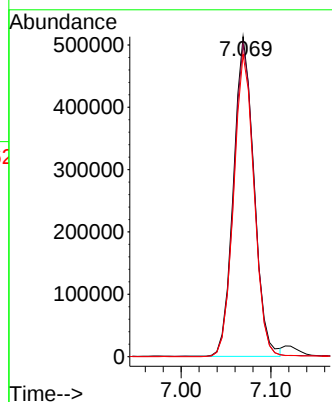
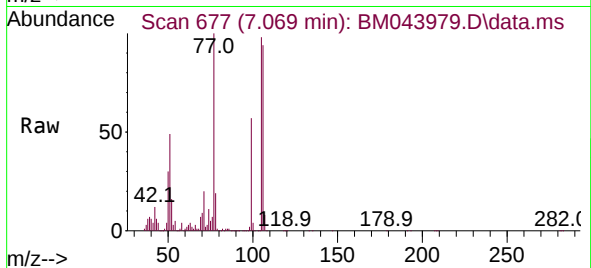




#9
Benzaldehyde
Concen: 59.904 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
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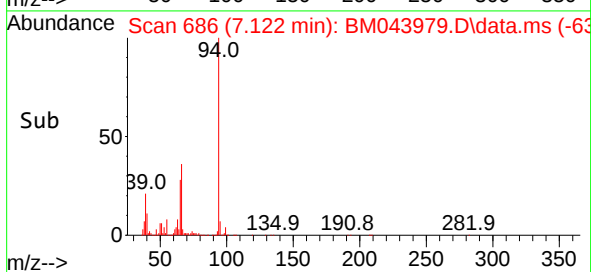
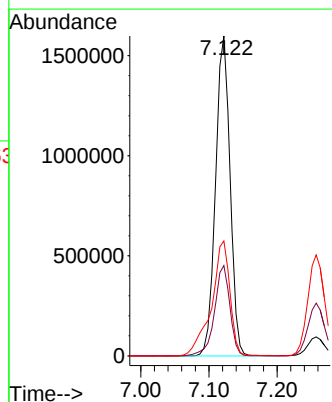
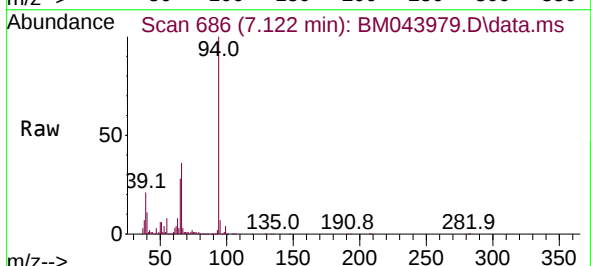
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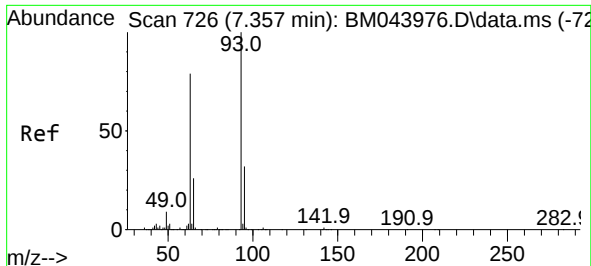
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Ion Ratio Lower Upper
77 100
105 97.6 77.4 117.4
106 94.4 73.5 113.5



#10
Phenol
Concen: 83.008 ng
RT: 7.122 min Scan# 686
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion: 94 Resp: 2361118
Ion Ratio Lower Upper
94 100
65 28.2 9.3 49.3
66 35.9 15.7 55.7

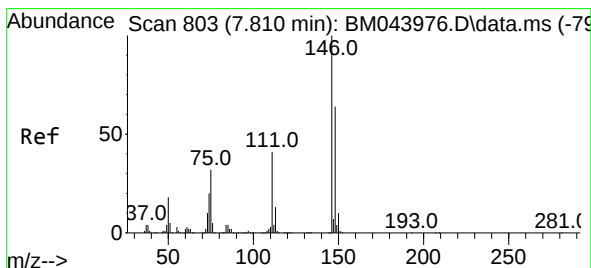
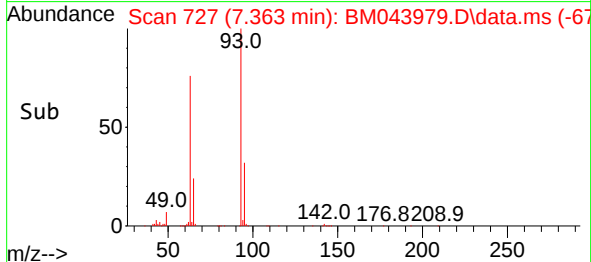
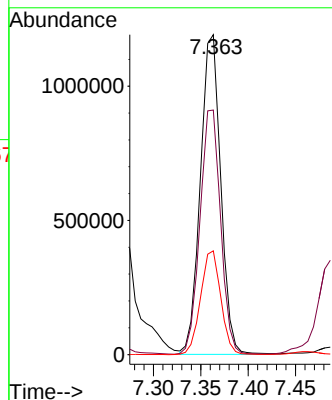
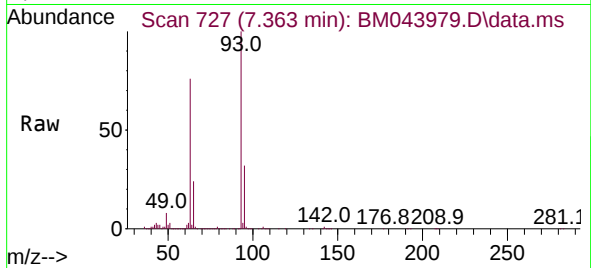




#11
bis(2-Chloroethyl)ether
Concen: 79.980 ng
RT: 7.363 min Scan# 726
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

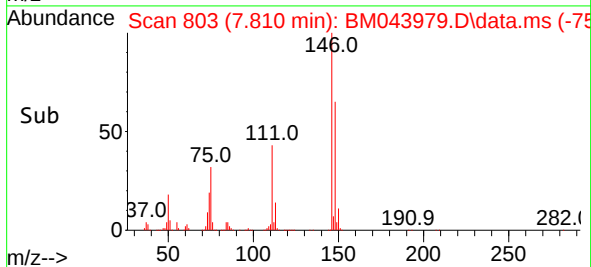
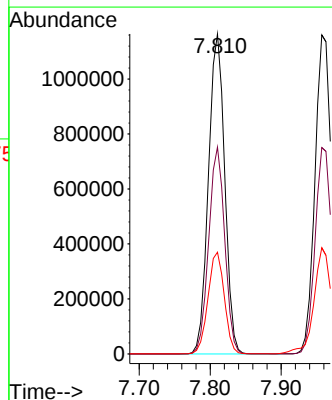
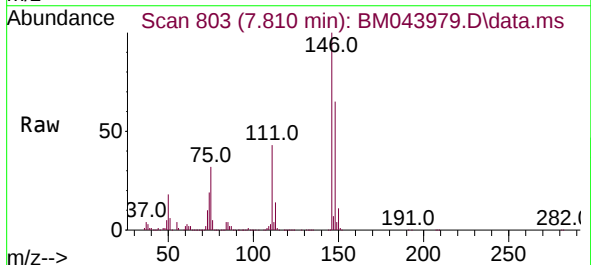
Instrument :
BNA_M
ClientSampleId :

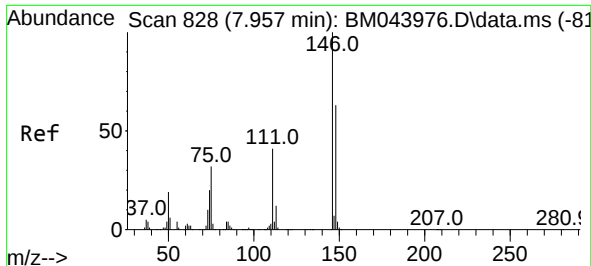
Tgt Ion: 93 Resp: 1783050
Ion Ratio Lower Upper
93 100
63 76.4 59.0 99.0
95 32.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 79.483 ng
RT: 7.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:146 Resp: 1844791
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
75 31.8 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 79.733 ng

RT: 7.957 min Scan# 81

Delta R.T. 0.000 min

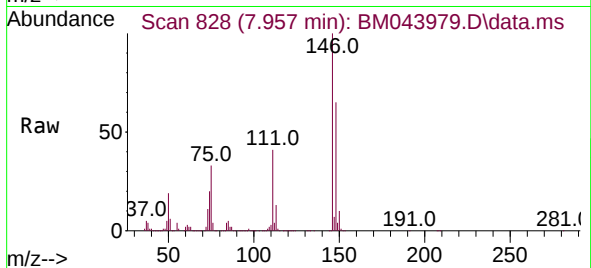
Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :



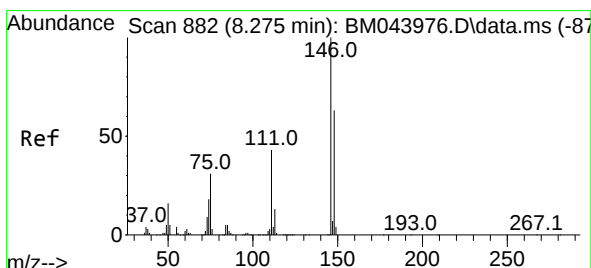
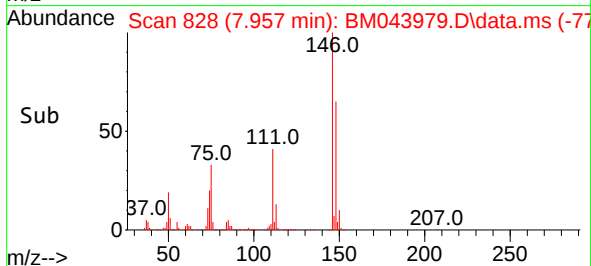
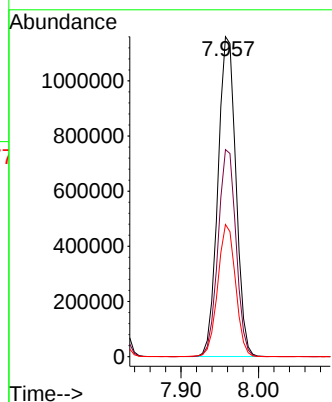
Tgt Ion:146 Resp: 1871561

Ion Ratio Lower Upper

146 100

148 64.7 50.7 76.1

111 41.3 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 79.212 ng

RT: 8.275 min Scan# 882

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

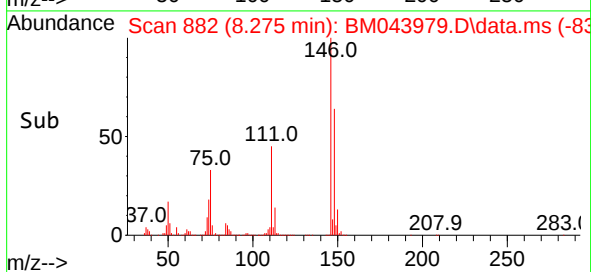
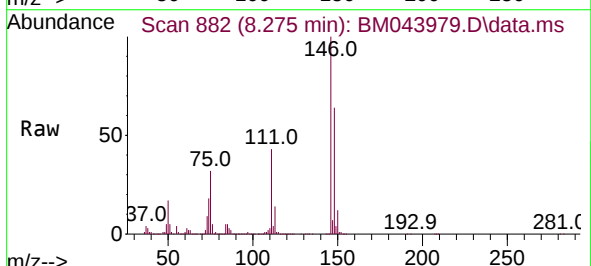
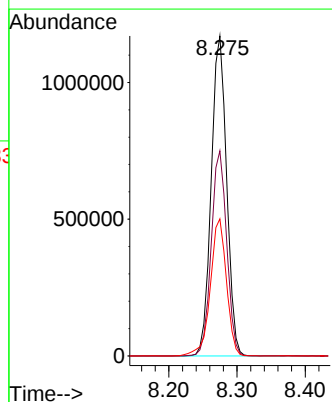
Tgt Ion:146 Resp: 1833688

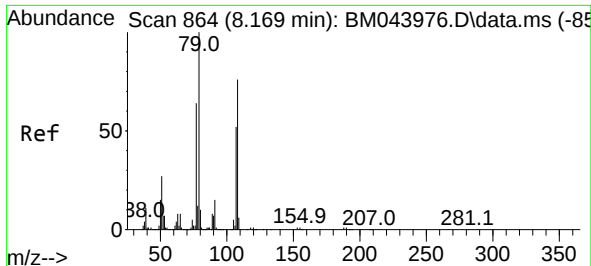
Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

111 42.8 34.3 51.5

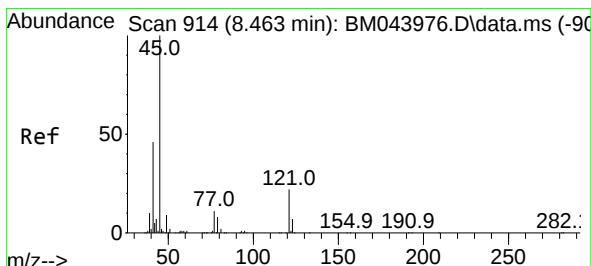
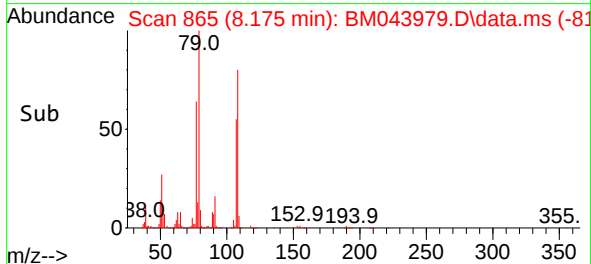
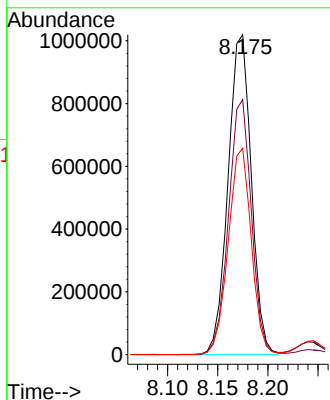
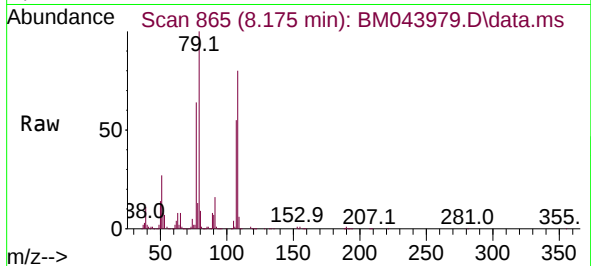




#15
Benzyl Alcohol
Concen: 83.785 ng
RT: 8.175 min Scan# 864
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

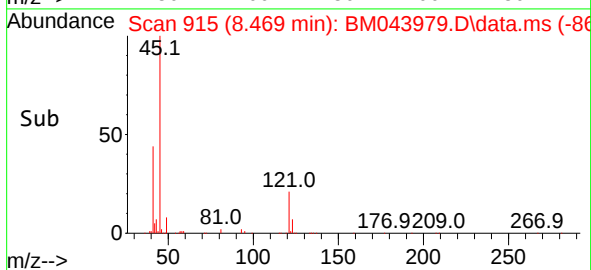
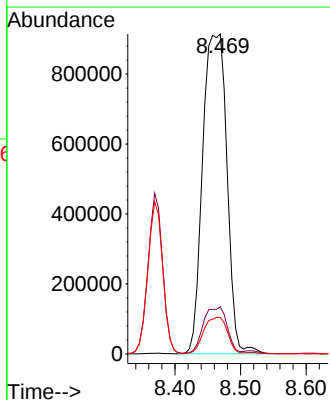
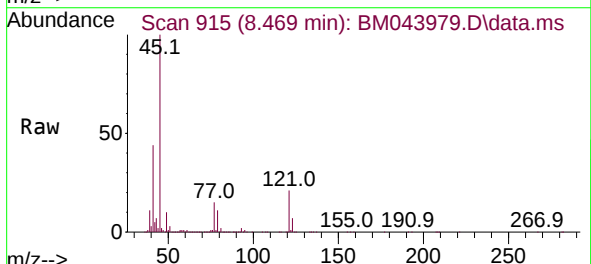
Instrument :
BNA_M
ClientSampleId :

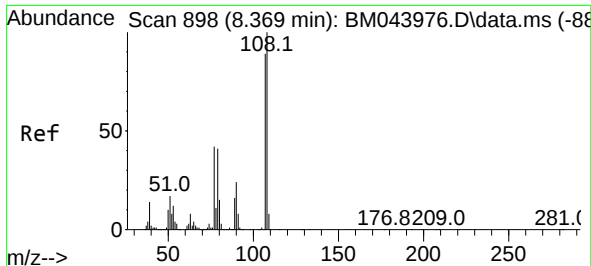
Tgt Ion: 79 Resp: 1642905
Ion Ratio Lower Upper
79 100
108 79.7 60.7 91.1
77 64.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 78.848 ng
RT: 8.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

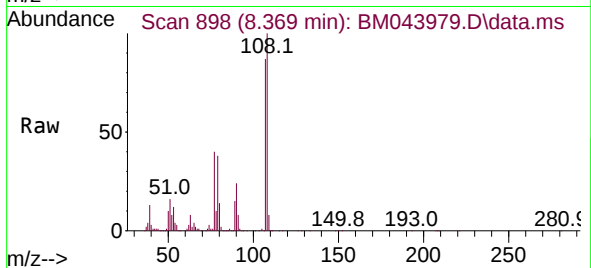
Tgt Ion: 45 Resp: 2350388
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.4
79 11.4 0.0 31.2





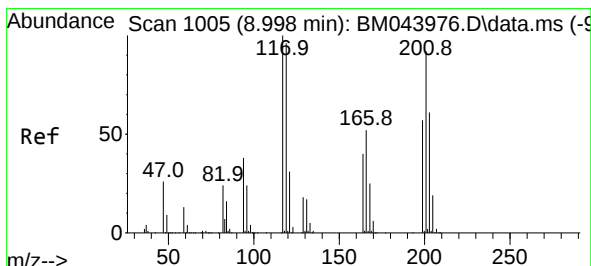
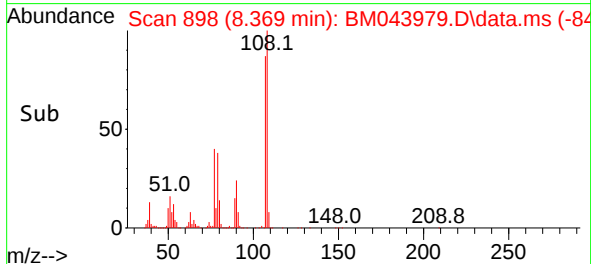
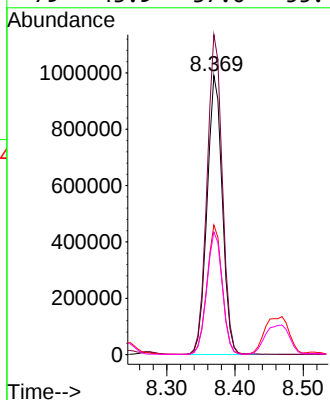
#17
2-Methylphenol
Concen: 84.549 ng
RT: 8.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:107 Resp: 1537324

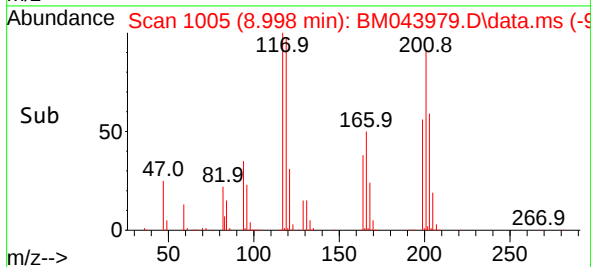
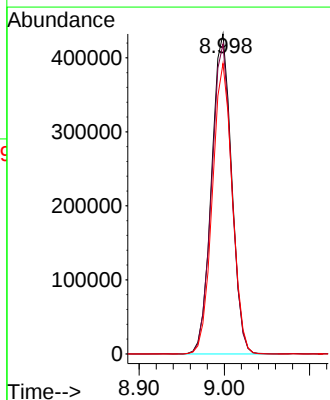
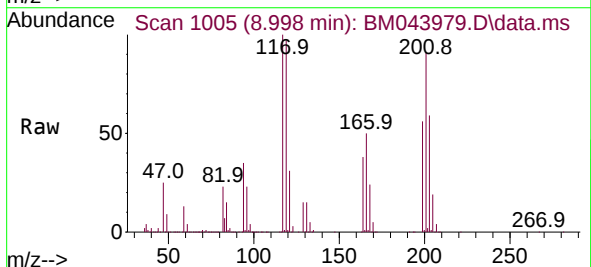
Ion	Ratio	Lower	Upper
107	100		
108	114.6	90.4	135.6
77	46.4	38.0	57.0
79	43.9	37.0	55.4

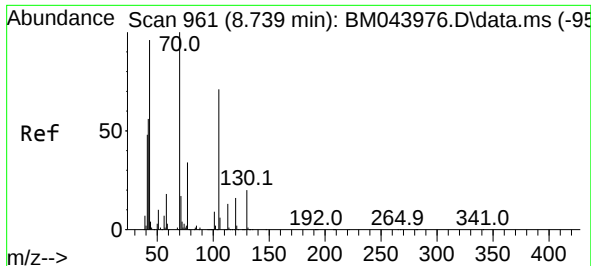


#18
Hexachloroethane
Concen: 80.179 ng
RT: 8.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:117 Resp: 706248

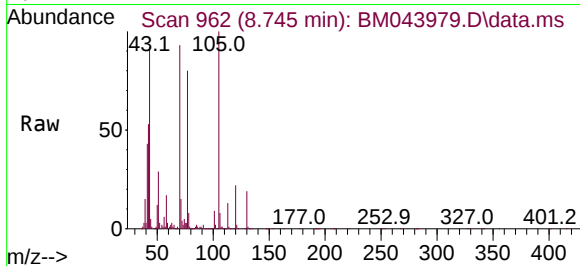
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.7	115.1
201	90.8	73.4	110.2



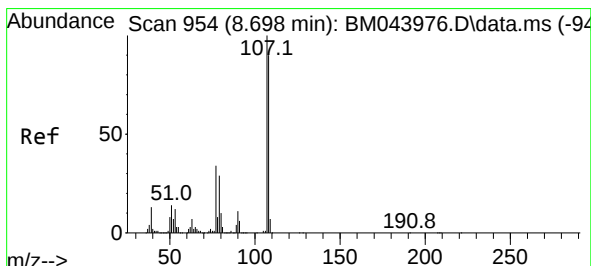
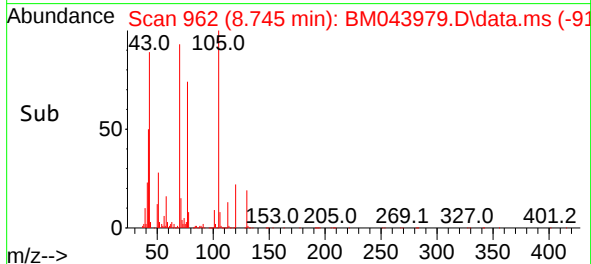
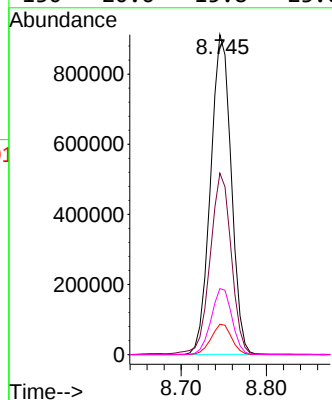


#19
n-Nitroso-di-n-propylamine
Concen: 81.460 ng
RT: 8.745 min Scan# 961
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Instrument :
BNA_M
ClientSampleId :

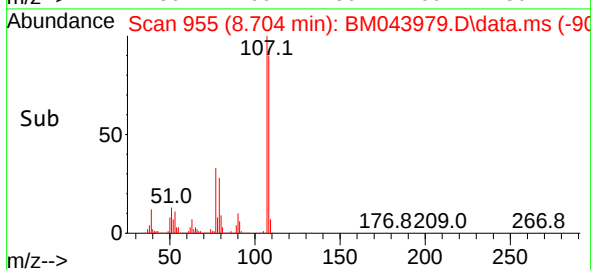
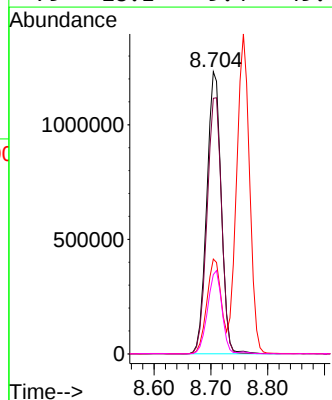
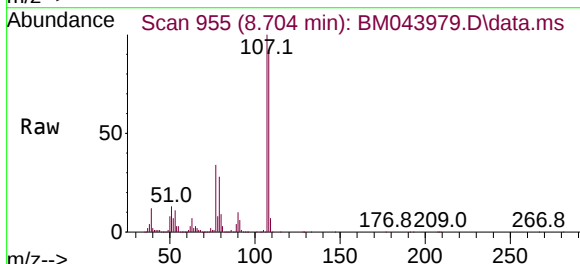


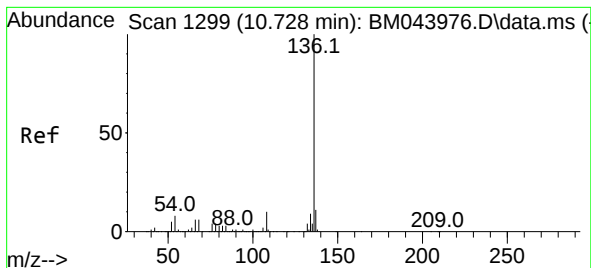
Tgt Ion: 70 Resp: 1533445
Ion Ratio Lower Upper
70 100
42 56.7 45.6 68.4
101 9.5 7.5 11.3
130 20.6 15.8 23.6



#20
3+4-Methylphenols
Concen: 85.097 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion: 107 Resp: 2183870
Ion Ratio Lower Upper
107 100
108 90.6 70.3 110.3
77 33.6 14.0 54.0
79 28.1 9.4 49.4

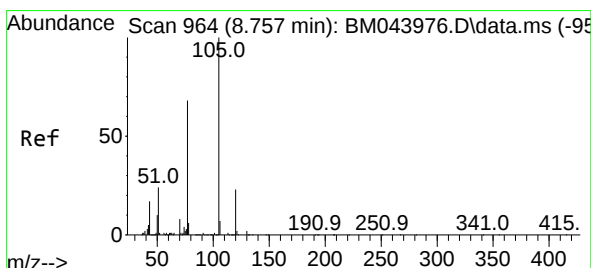
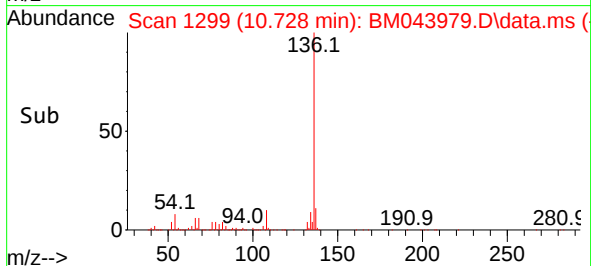
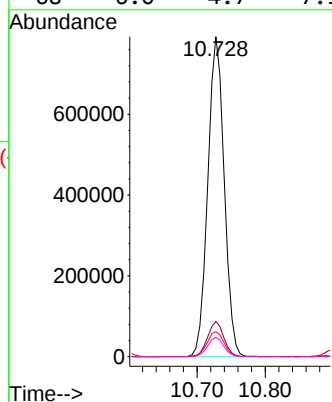
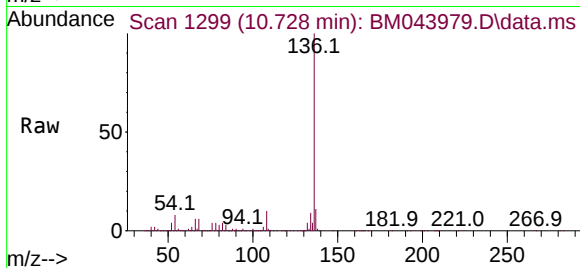




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

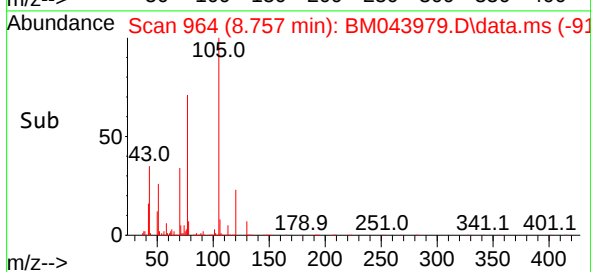
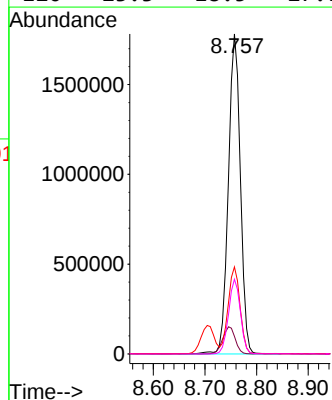
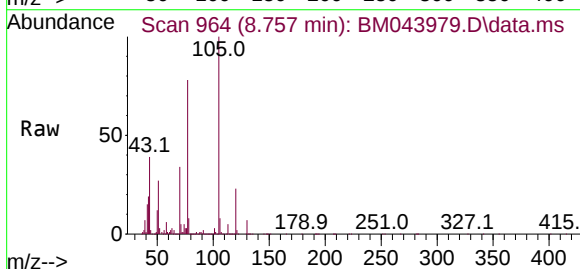
Instrument :
BNA_M
ClientSampleId :

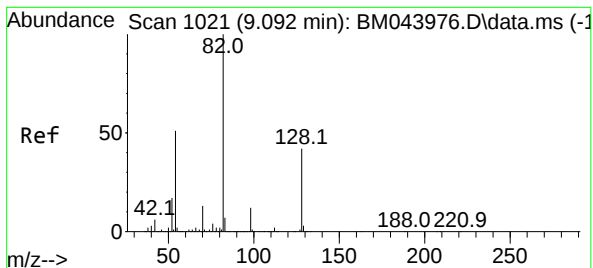
Tgt Ion:136 Resp: 1321154
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 6.5 9.7
68 6.0 4.7 7.1



#22
Acetophenone
Concen: 80.847 ng
RT: 8.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:105 Resp: 2894138
Ion Ratio Lower Upper
105 100
71 5.5 1.6 2.4#
51 27.2 21.8 32.6
120 23.3 18.5 27.7





#23

Nitrobenzene-d5

Concen: 165.245 ng

RT: 9.098 min Scan# 1021

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

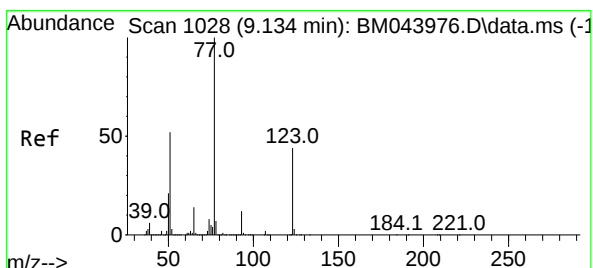
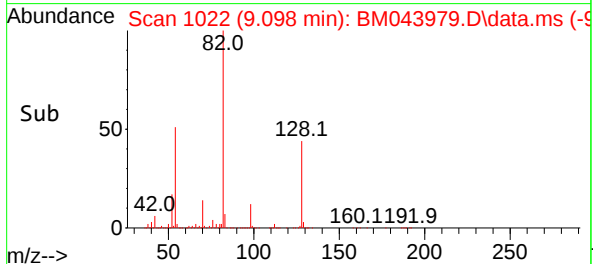
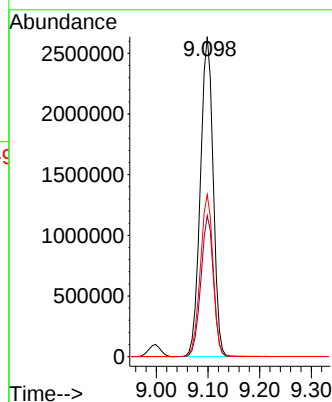
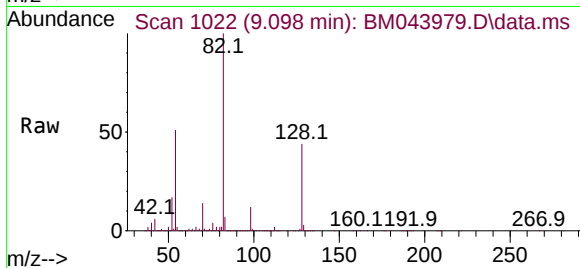
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 82 Resp: 4528829

Ion	Ratio	Lower	Upper
82	100		
128	44.0	33.9	50.9
54	50.6	41.1	61.7



#24

Nitrobenzene

Concen: 81.167 ng

RT: 9.140 min Scan# 1029

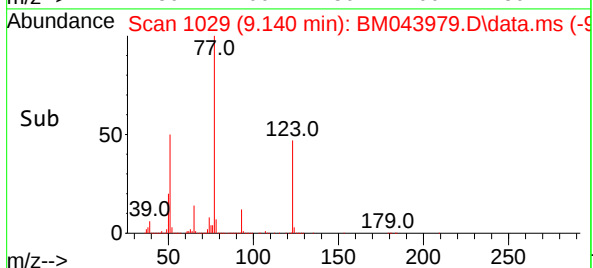
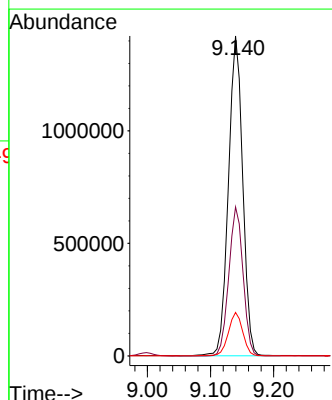
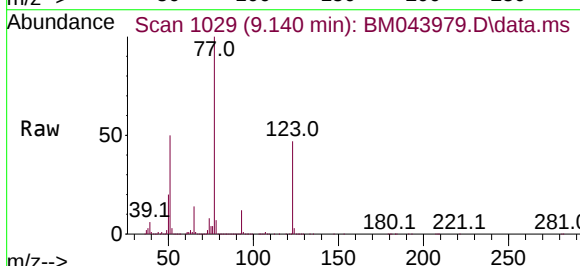
Delta R.T. 0.006 min

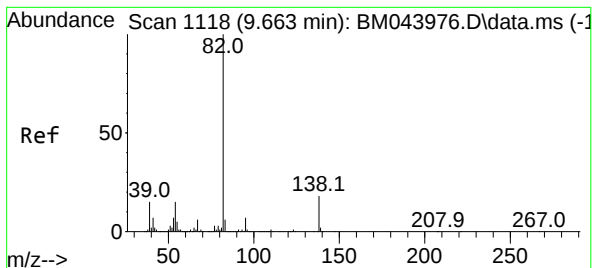
Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Tgt Ion: 77 Resp: 2231914

Ion	Ratio	Lower	Upper
77	100		
123	46.5	35.3	52.9
65	13.6	10.9	16.3





#25

Isophorone

Concen: 84.311 ng

RT: 9.663 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

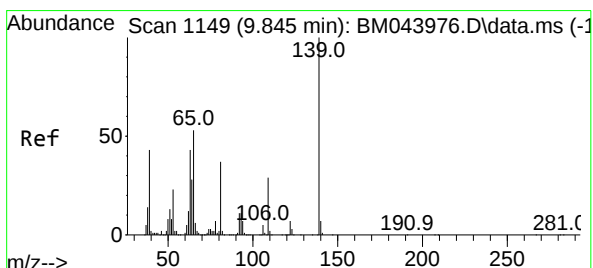
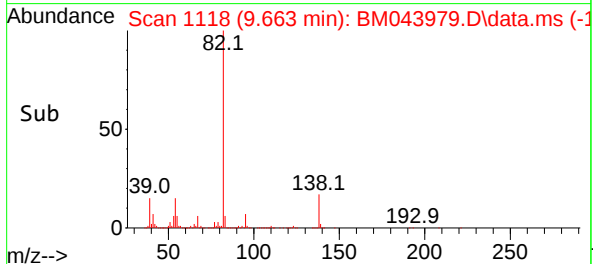
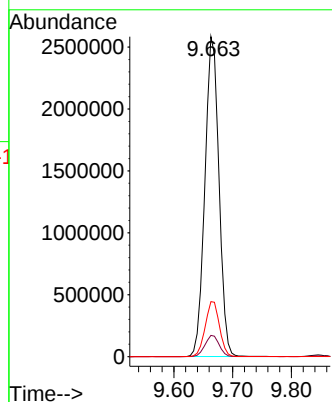
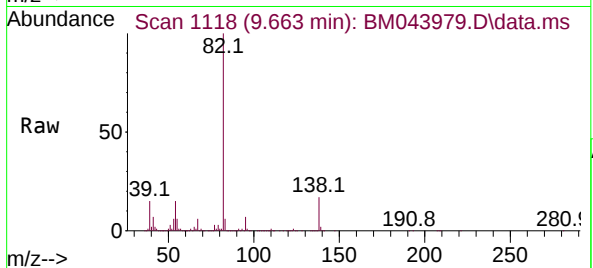
Tgt Ion: 82 Resp: 4301502

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 17.2 14.2 21.2



#26

2-Nitrophenol

Concen: 91.911 ng

RT: 9.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

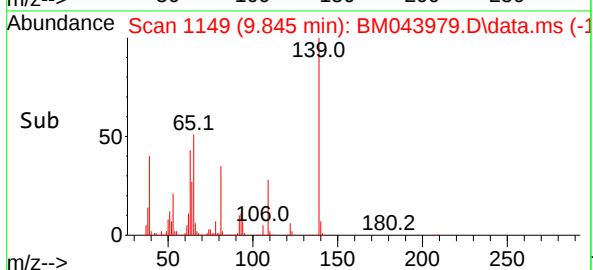
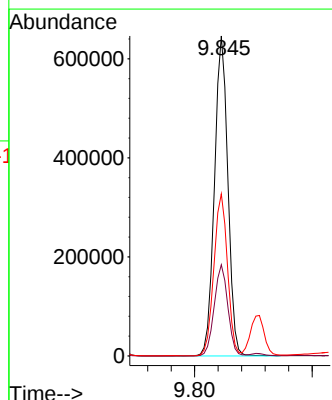
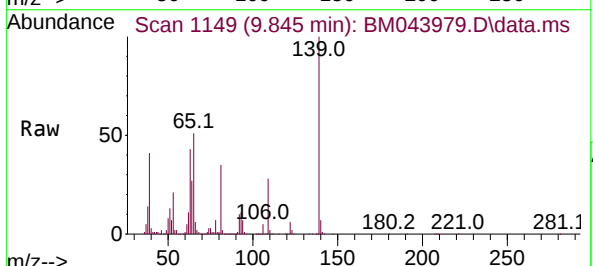
Tgt Ion:139 Resp: 1021466

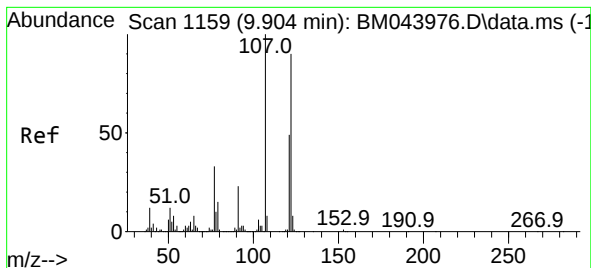
Ion Ratio Lower Upper

139 100

109 28.5 23.3 34.9

65 50.6 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 85.939 ng

RT: 9.910 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

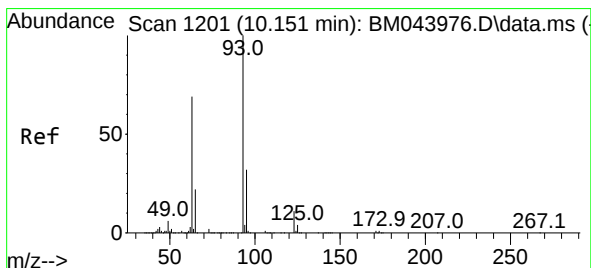
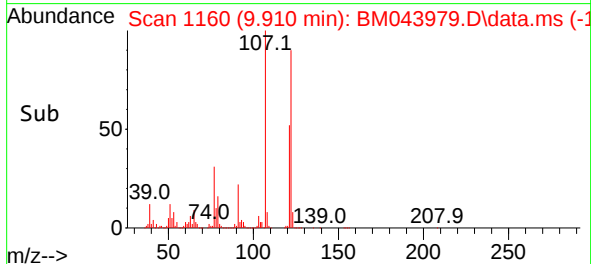
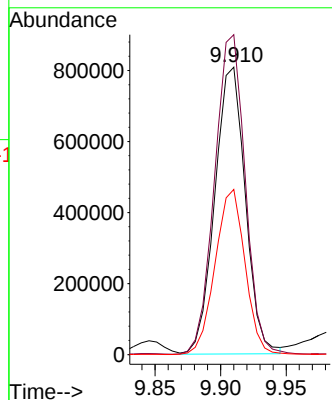
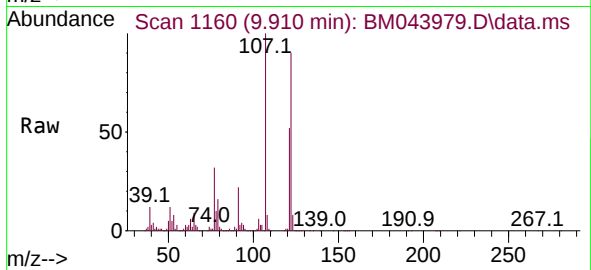
Tgt Ion:122 Resp: 1311426

Ion Ratio Lower Upper

122 100

107 111.3 89.0 133.4

121 57.5 43.4 65.0



#28

bis(2-Chloroethoxy)methane

Concen: 80.784 ng

RT: 10.157 min Scan# 1202

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

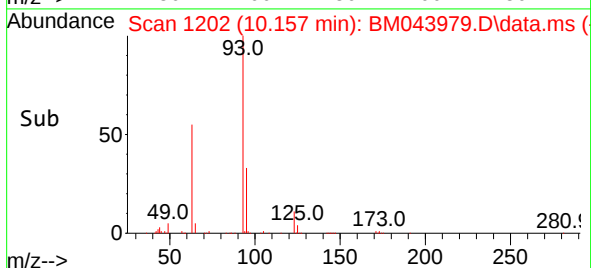
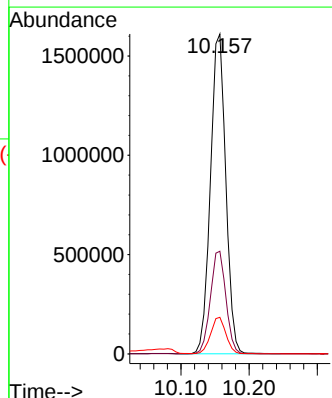
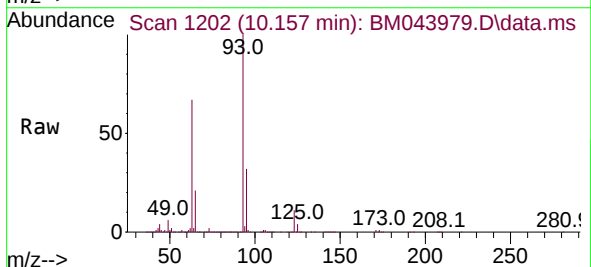
Tgt Ion: 93 Resp: 2516947

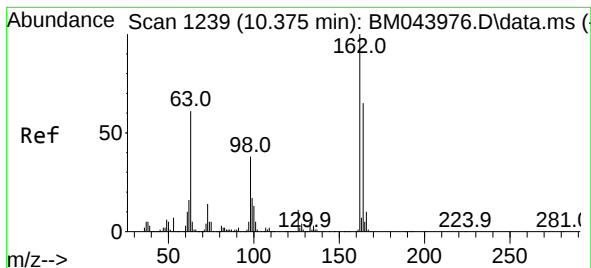
Ion Ratio Lower Upper

93 100

95 32.1 25.9 38.9

123 11.4 9.1 13.7

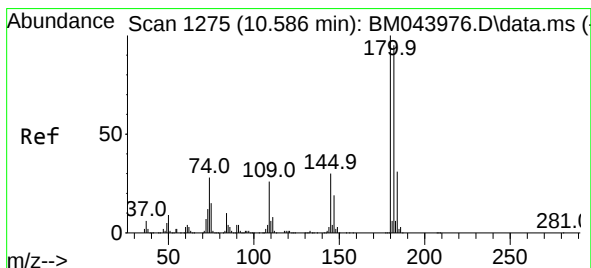
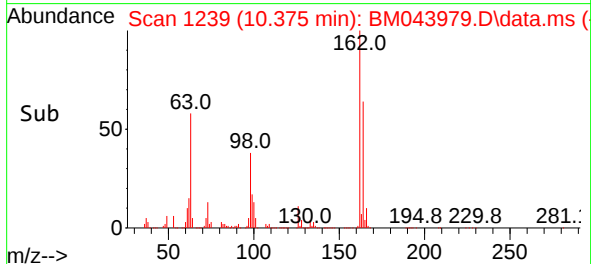
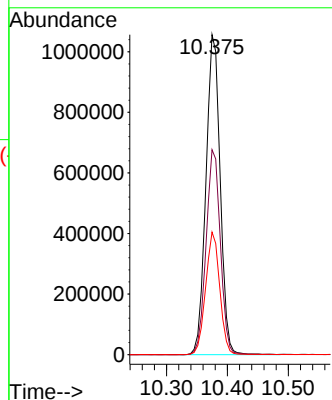
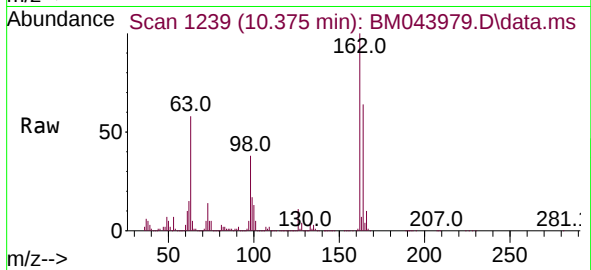




#29
2,4-Dichlorophenol
Concen: 88.100 ng
RT: 10.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

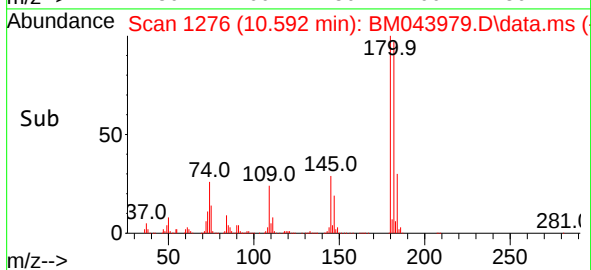
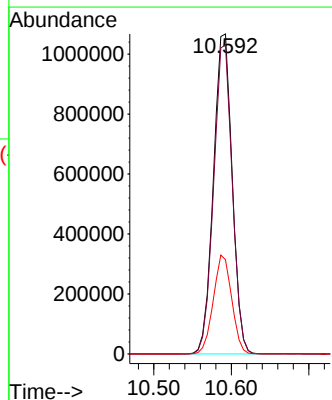
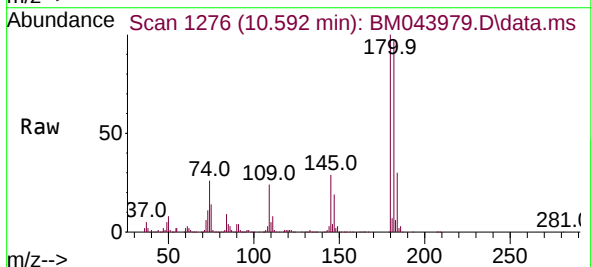
Instrument :
BNA_M
ClientSampleId :

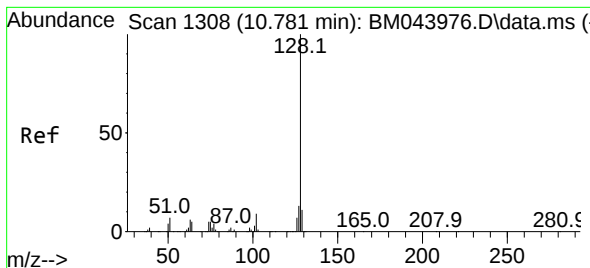
Tgt Ion:162 Resp: 1714767
Ion Ratio Lower Upper
162 100
164 64.0 45.1 85.1
98 38.3 17.8 57.8



#30
1,2,4-Trichlorobenzene
Concen: 81.571 ng
RT: 10.592 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:180 Resp: 1793204
Ion Ratio Lower Upper
180 100
182 96.5 76.0 114.0
145 29.4 24.2 36.2

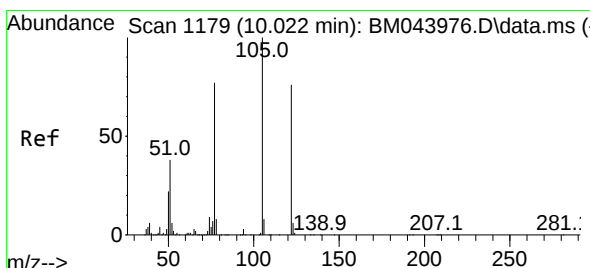
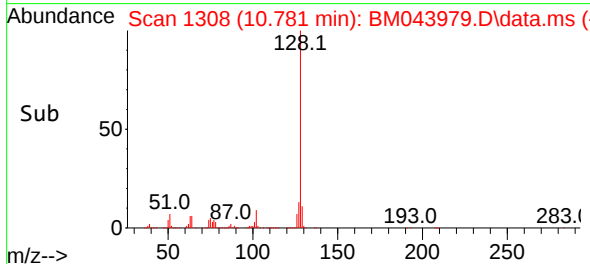
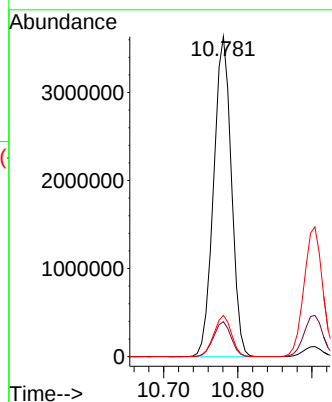
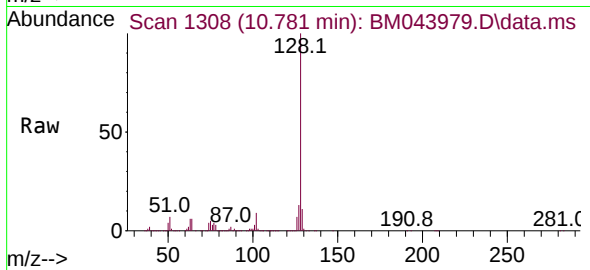




#31
Naphthalene
Concen: 81.811 ng
RT: 10.781 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

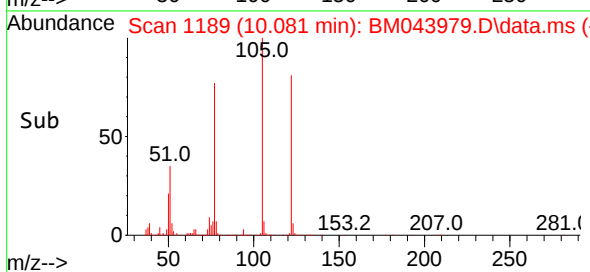
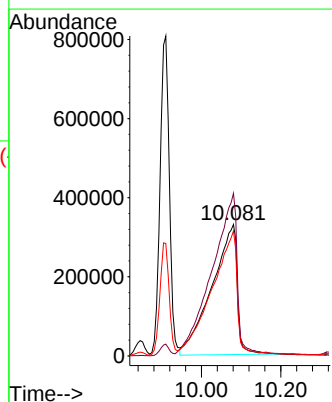
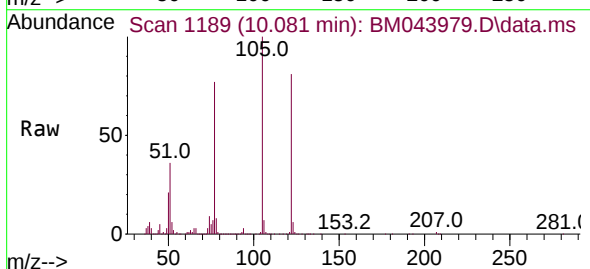
Instrument :
BNA_M
ClientSampleId :

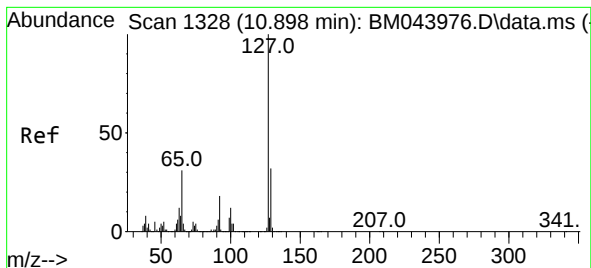
Tgt Ion:128 Resp: 6024452
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.9 10.1 15.1



#32
Benzoic acid
Concen: 96.818 ng
RT: 10.081 min Scan# 1189
Delta R.T. 0.059 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:122 Resp: 1462519
Ion Ratio Lower Upper
122 100
105 123.8 109.4 149.4
77 95.1 80.5 120.5

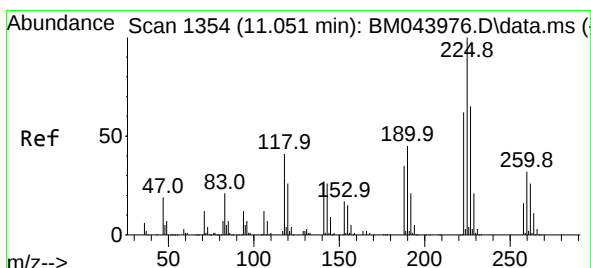
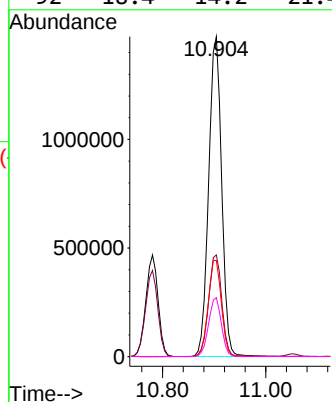
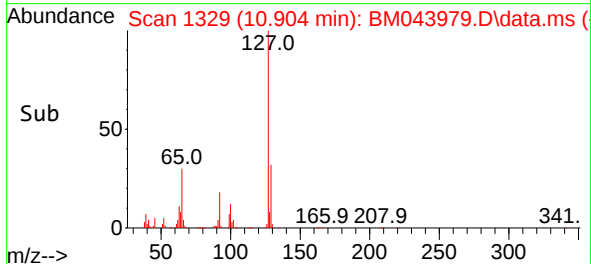
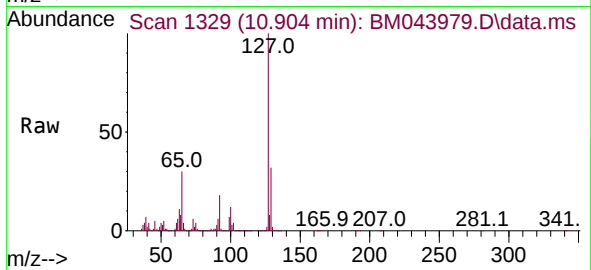




#33
4-Chloroaniline
Concen: 84.920 ng
RT: 10.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

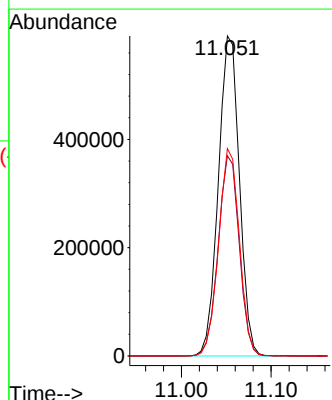
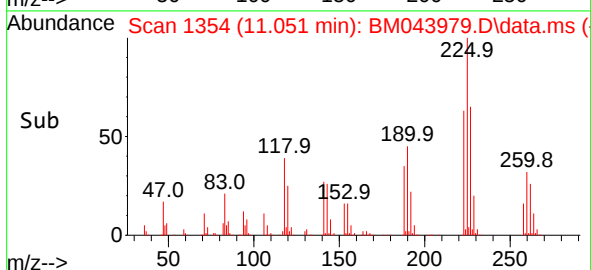
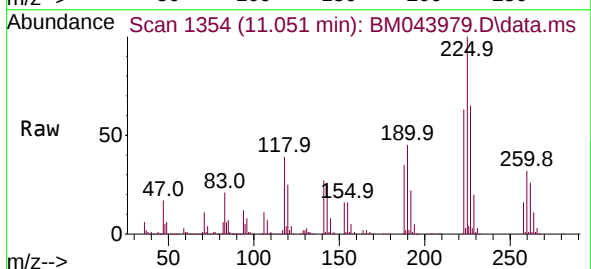
Instrument :
BNA_M
ClientSampleId :

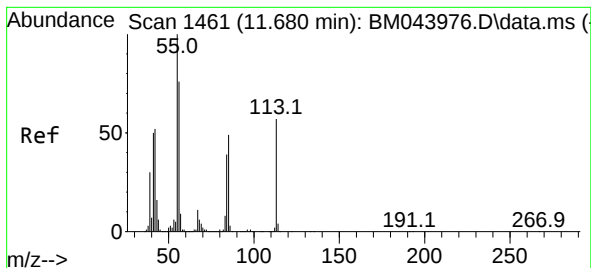
Tgt Ion:127 Resp: 2570301
Ion Ratio Lower Upper
127 100
129 31.8 25.6 38.4
65 30.0 24.5 36.7
92 18.4 14.2 21.4



#34
Hexachlorobutadiene
Concen: 80.418 ng
RT: 11.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:225 Resp: 964191
Ion Ratio Lower Upper
225 100
223 62.5 49.8 74.8
227 64.8 51.7 77.5





#35

Caprolactam

Concen: 76.831 ng

RT: 11.710 min Scan# 1466

Delta R.T. 0.029 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

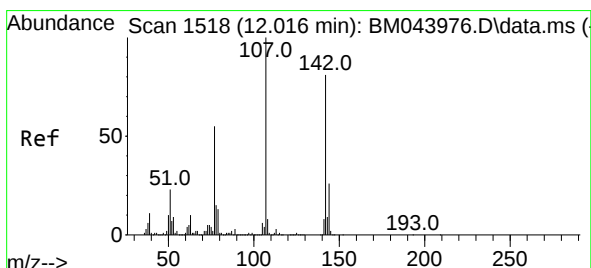
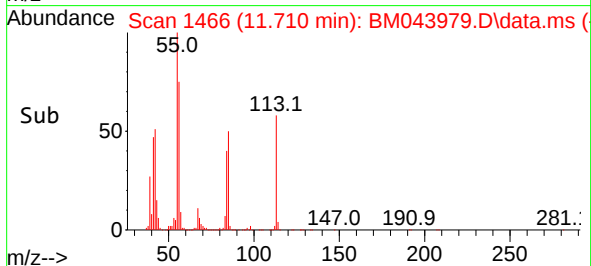
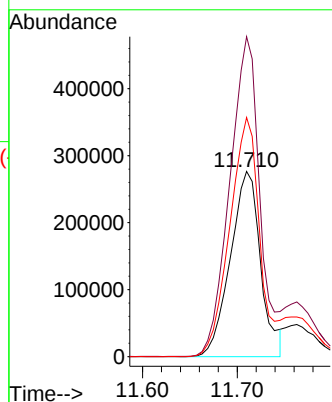
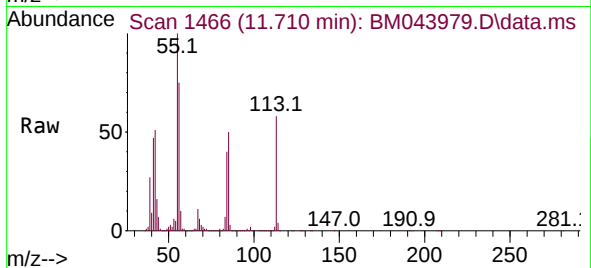
Tgt Ion:113 Resp: 613231

Ion Ratio Lower Upper

113 100

55 172.8 154.3 194.3

56 129.2 112.2 152.2



#36

4-Chloro-3-methylphenol

Concen: 86.329 ng

RT: 12.022 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

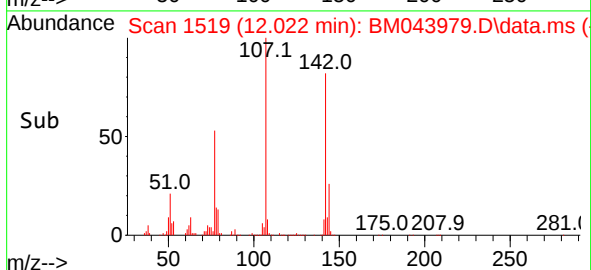
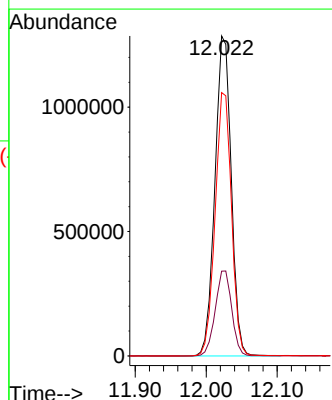
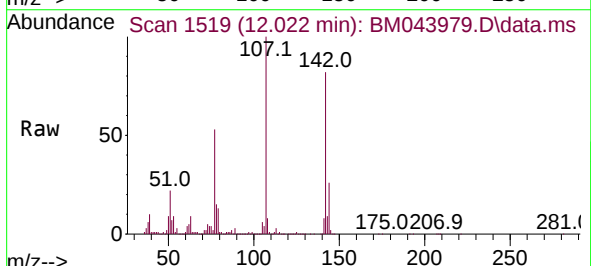
Tgt Ion:107 Resp: 2057646

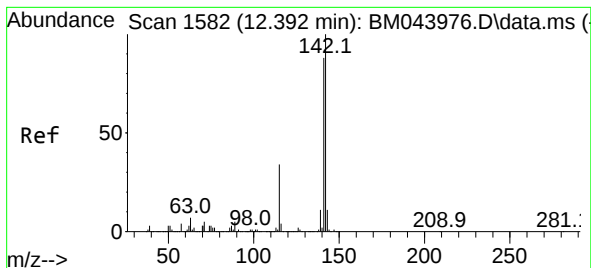
Ion Ratio Lower Upper

107 100

144 26.5 21.1 31.7

142 82.3 65.0 97.4

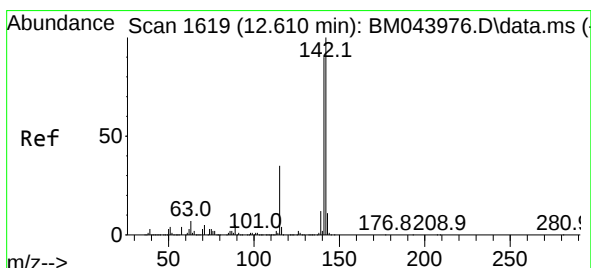
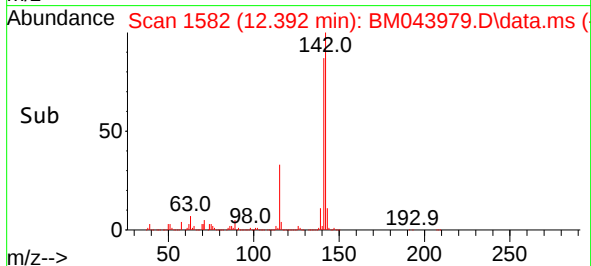
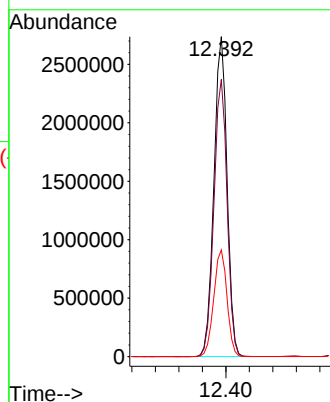
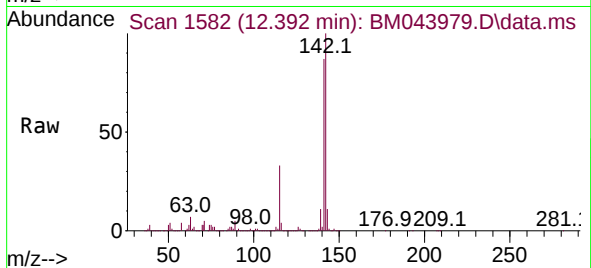




#37
2-Methylnaphthalene
Concen: 82.561 ng
RT: 12.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

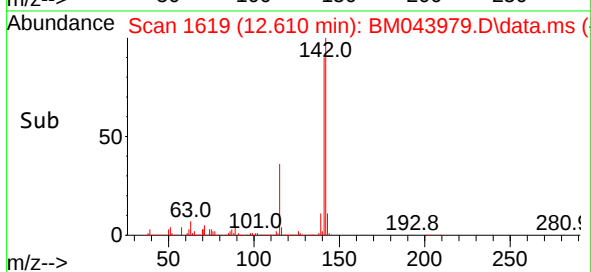
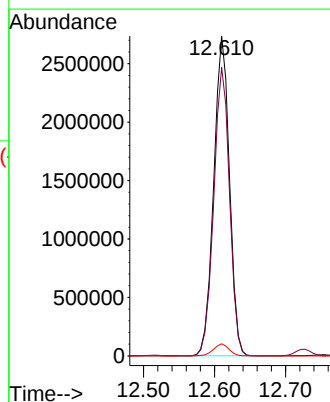
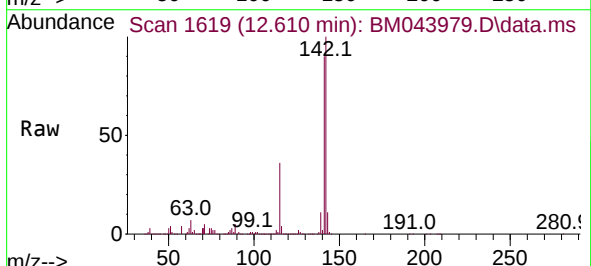
Instrument :
BNA_M
ClientSampleId :

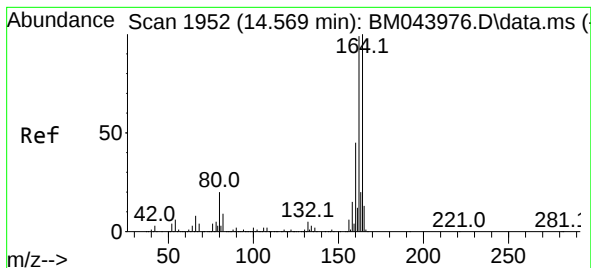
Tgt Ion:142 Resp: 4239743
Ion Ratio Lower Upper
142 100
141 86.6 70.2 105.2
115 33.3 27.2 40.8



#38
1-Methylnaphthalene
Concen: 82.225 ng
RT: 12.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:142 Resp: 4215202
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1952

Delta R.T. -0.000 min

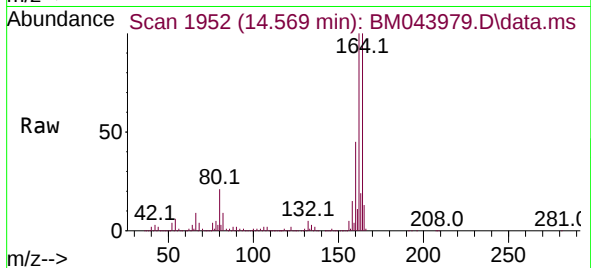
Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :



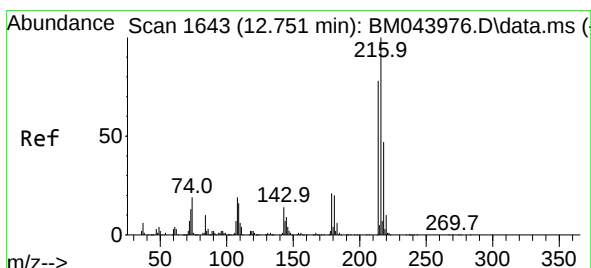
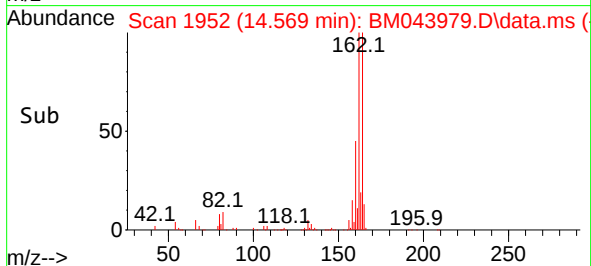
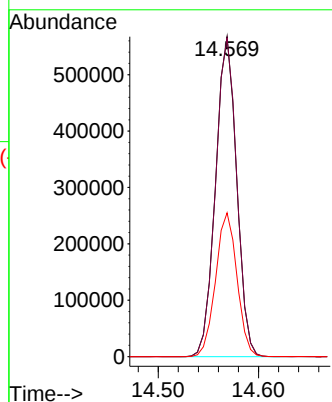
Tgt Ion:164 Resp: 830490

Ion Ratio Lower Upper

164 100

162 99.6 79.0 118.4

160 44.9 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 82.549 ng

RT: 12.751 min Scan# 1643

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Tgt Ion:216 Resp: 1944388

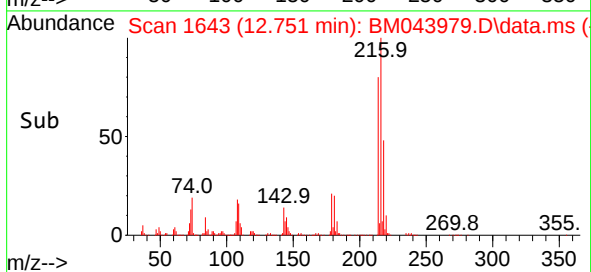
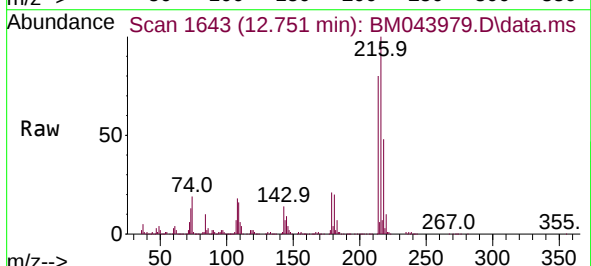
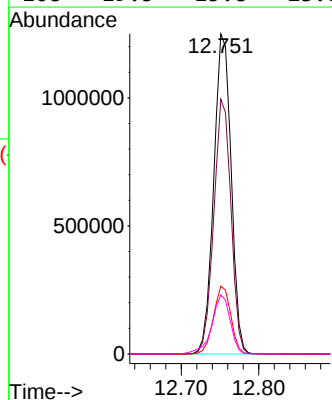
Ion Ratio Lower Upper

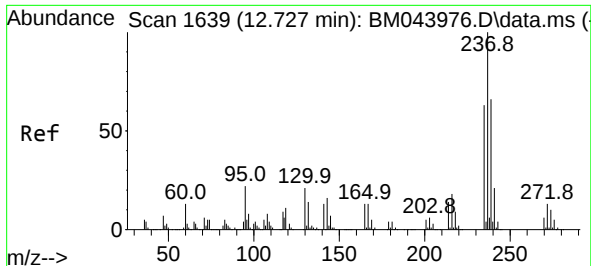
216 100

214 78.6 62.6 94.0

179 21.0 16.7 25.1

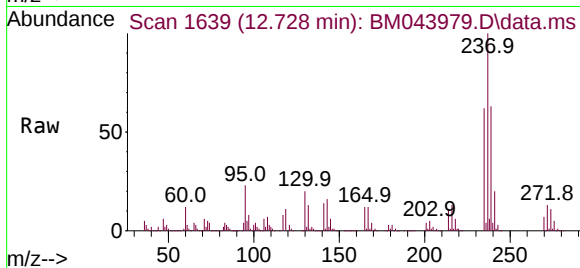
108 19.5 15.8 23.8



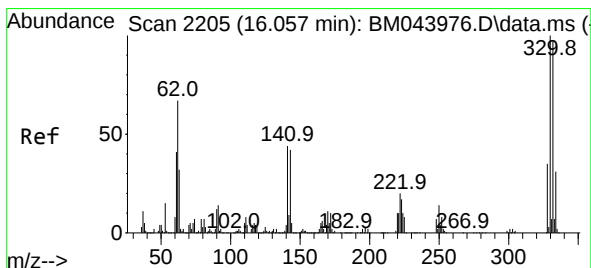
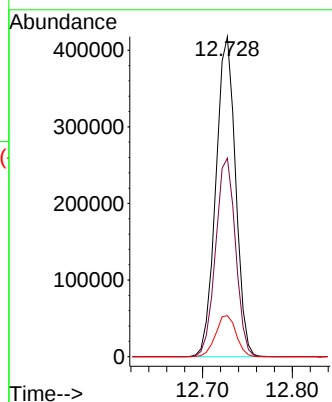
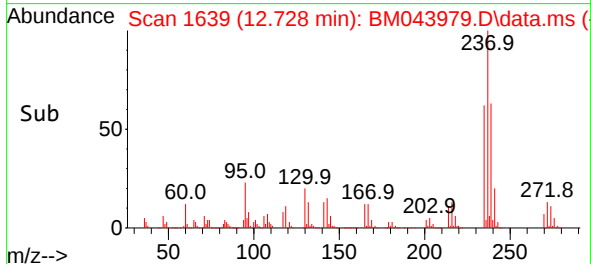


#41
Hexachlorocyclopentadiene
Concen: 82.514 ng
RT: 12.728 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

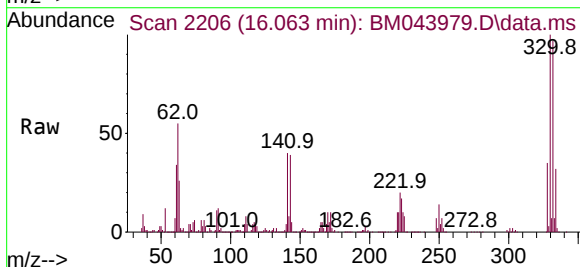
Instrument :
BNA_M
ClientSampleId :



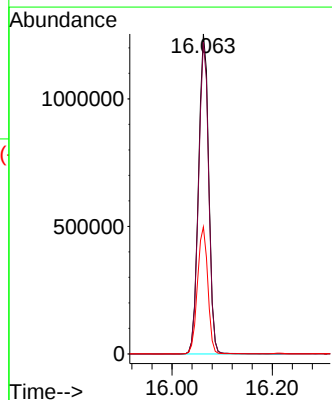
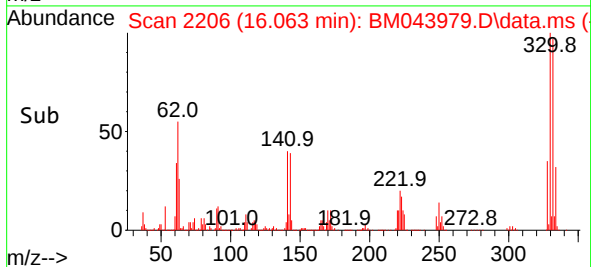
Tgt Ion:237 Resp: 639223
Ion Ratio Lower Upper
237 100
235 62.0 43.5 83.5
272 12.8 0.0 33.2

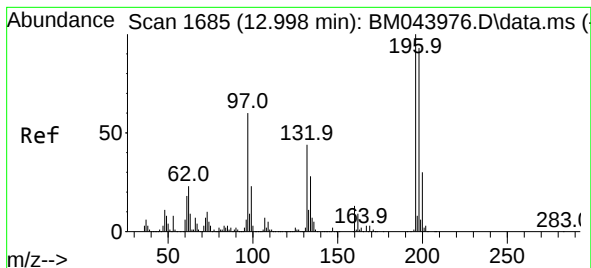


#42
2,4,6-Tribromophenol
Concen: 174.994 ng
RT: 16.063 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49



Tgt Ion:330 Resp: 1771563
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 39.9 33.5 50.3





#43

2,4,6-Trichlorophenol

Concen: 87.730 ng

RT: 12.998 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

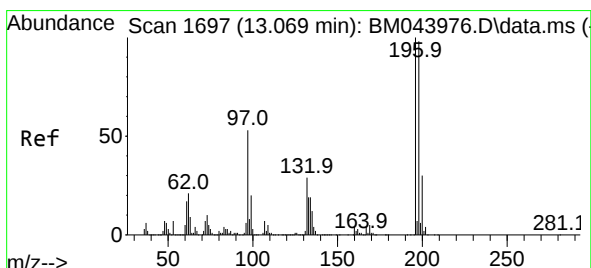
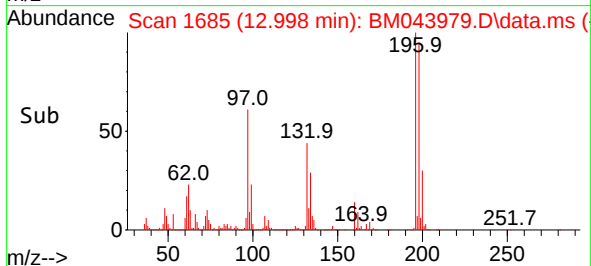
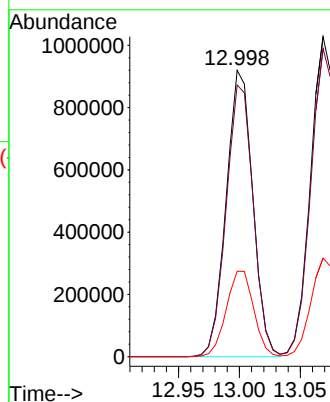
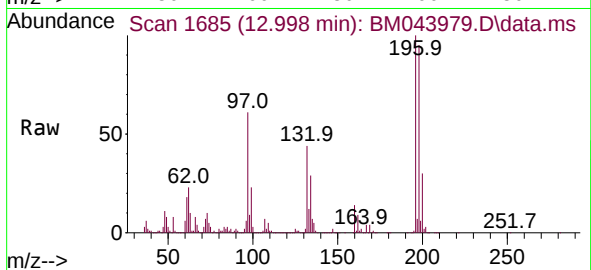
Tgt Ion:196 Resp: 1396482

Ion Ratio Lower Upper

196 100

198 94.8 74.2 111.2

200 29.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 87.278 ng

RT: 13.069 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Tgt Ion:196 Resp: 1585042

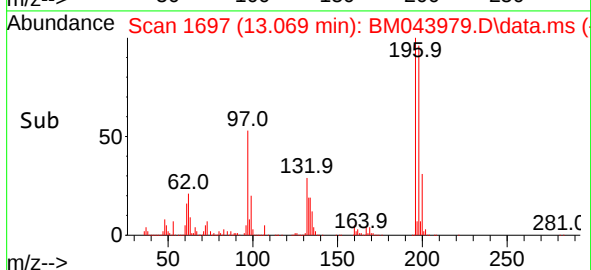
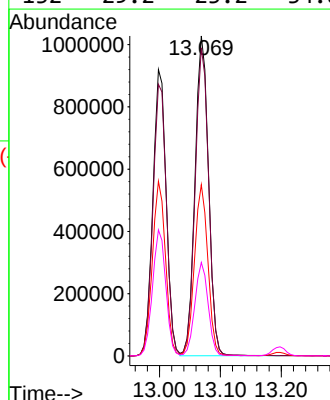
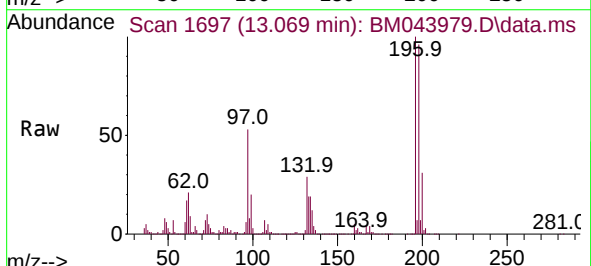
Ion Ratio Lower Upper

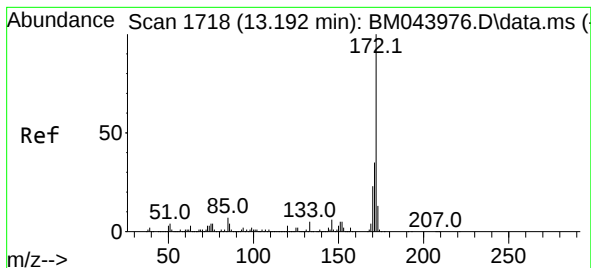
196 100

198 96.3 78.1 117.1

97 53.5 42.2 63.2

132 29.2 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 160.276 ng

RT: 13.198 min Scan# 1718

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

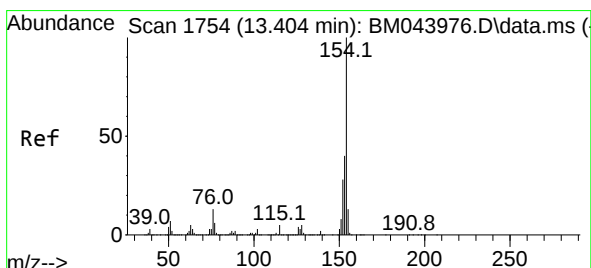
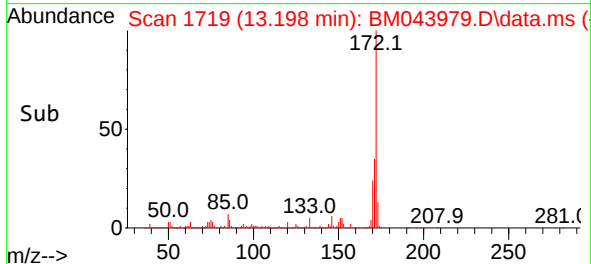
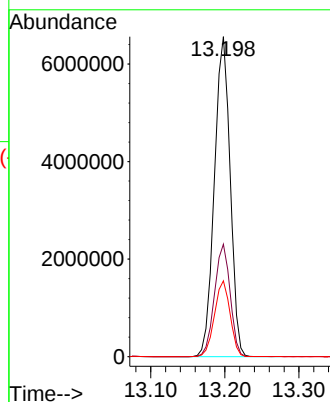
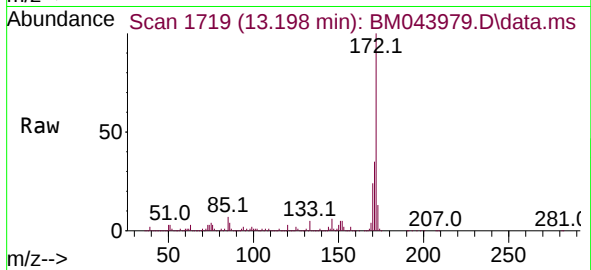
Tgt Ion:172 Resp: 9687120

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 81.435 ng

RT: 13.404 min Scan# 1754

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

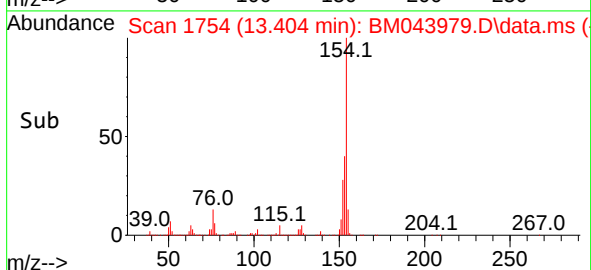
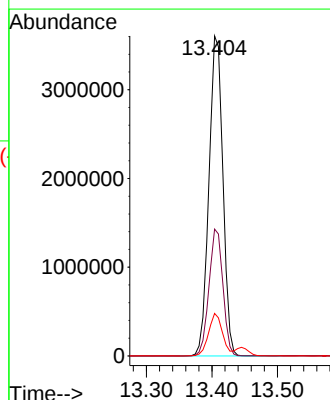
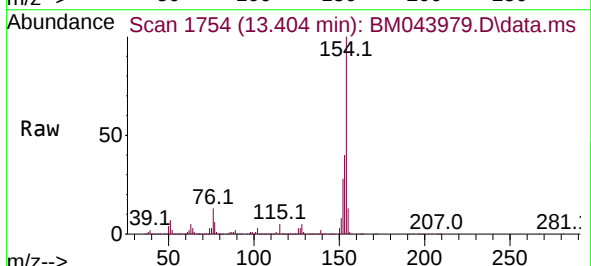
Tgt Ion:154 Resp: 5318366

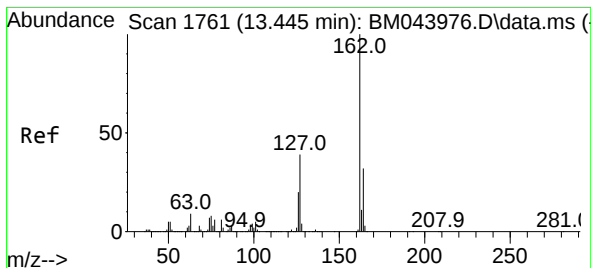
Ion Ratio Lower Upper

154 100

153 39.6 19.8 59.8

76 13.3 0.0 33.0

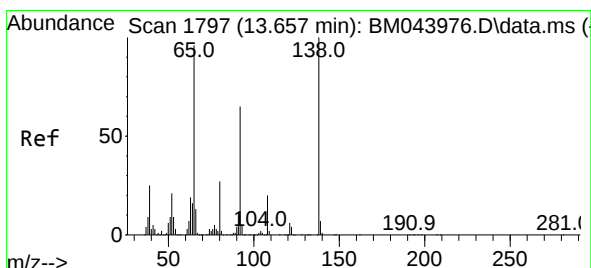
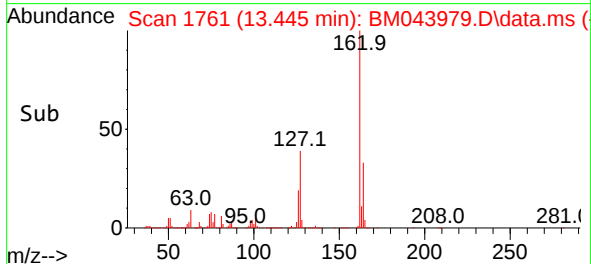
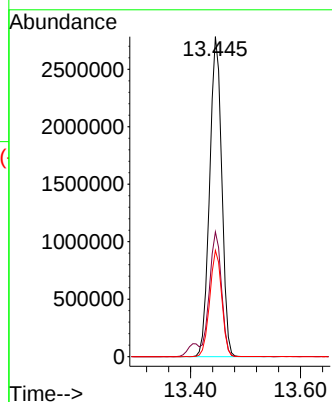
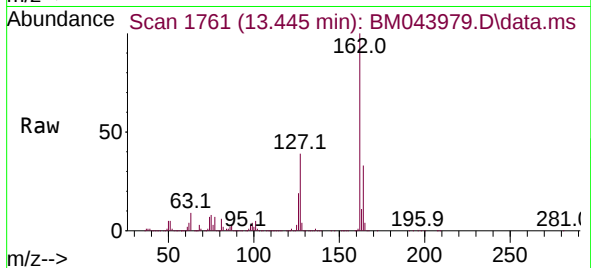




#47
2-Chloronaphthalene
Concen: 81.373 ng
RT: 13.445 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

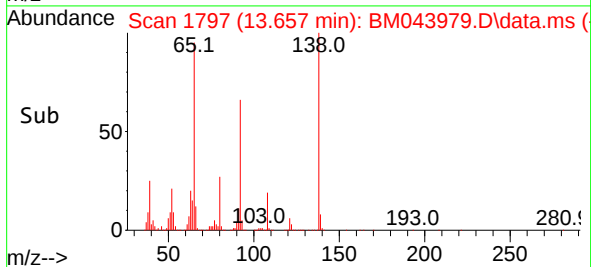
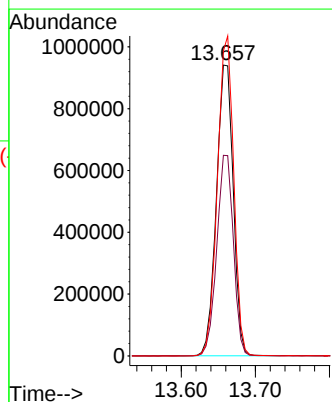
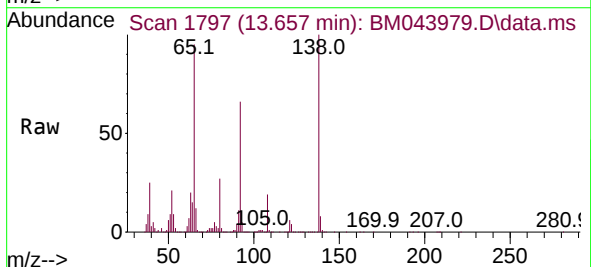
Instrument :
BNA_M
ClientSampleId :

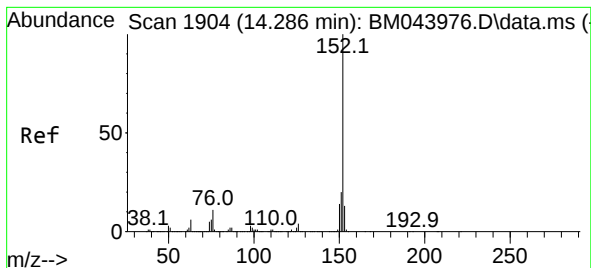
Tgt Ion:162 Resp: 4238191
Ion Ratio Lower Upper
162 100
127 39.0 31.0 46.6
164 33.2 25.8 38.6



#48
2-Nitroaniline
Concen: 87.633 ng
RT: 13.657 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion: 65 Resp: 1484470
Ion Ratio Lower Upper
65 100
92 69.0 53.6 80.4
138 104.9 83.0 124.6





#49

Acenaphthylene

Concen: 83.317 ng

RT: 14.292 min Scan# 1905

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

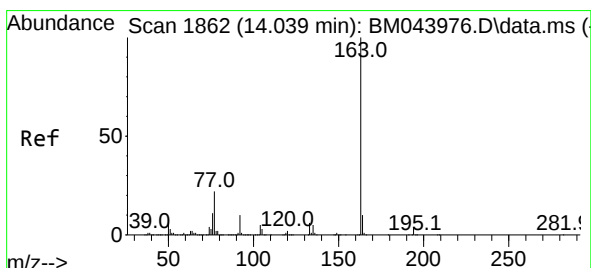
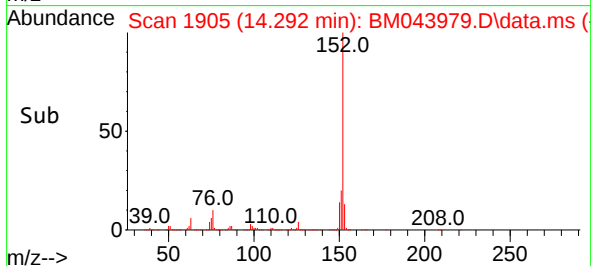
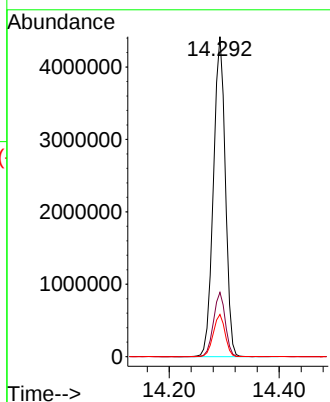
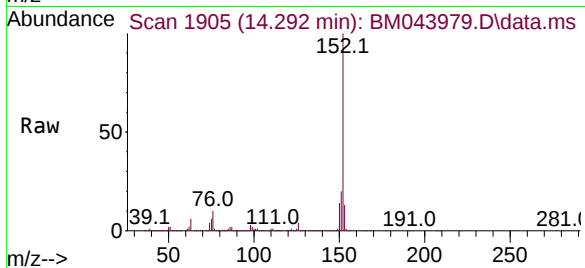
Tgt Ion:152 Resp: 6633313

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 81.079 ng

RT: 14.045 min Scan# 1863

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

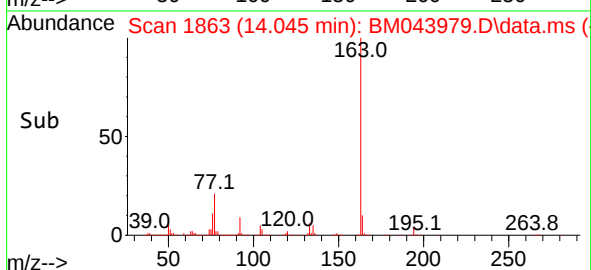
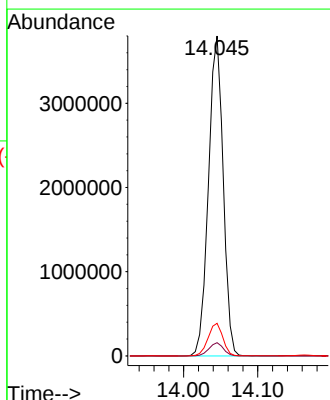
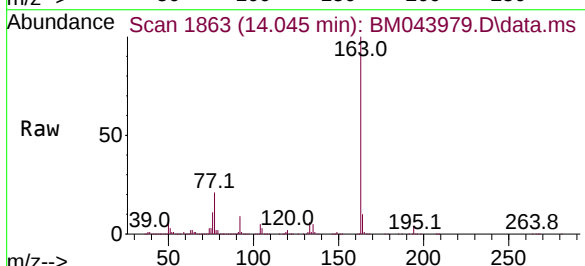
Tgt Ion:163 Resp: 5230298

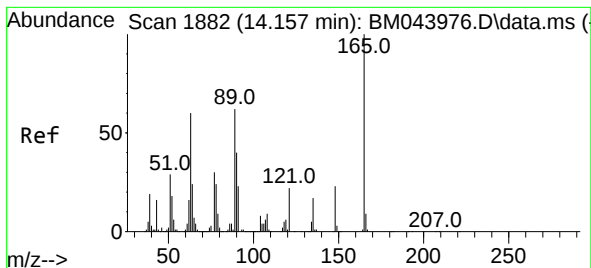
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.2 8.0 12.0

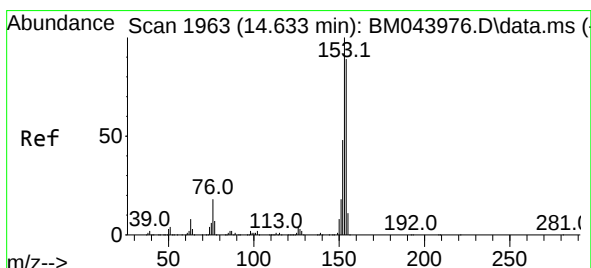
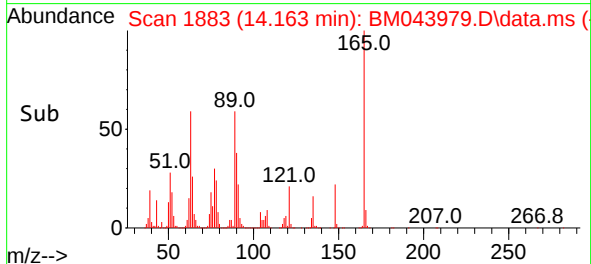
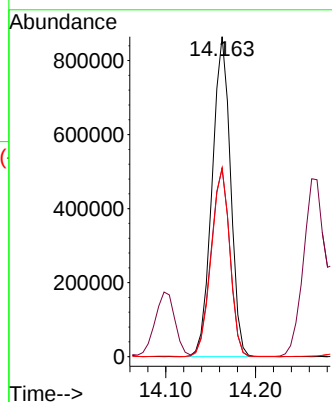
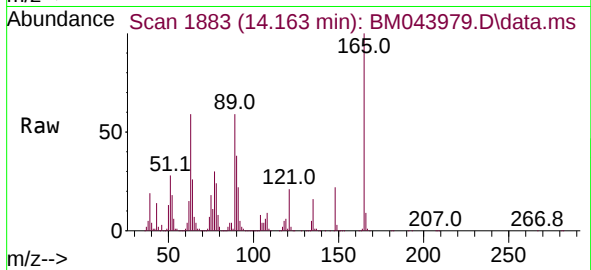




#51
2,6-Dinitrotoluene
Concen: 87.003 ng
RT: 14.163 min Scan# 1882
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

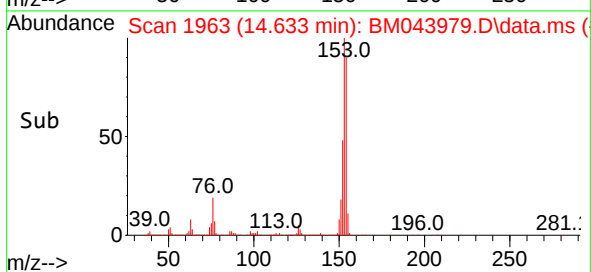
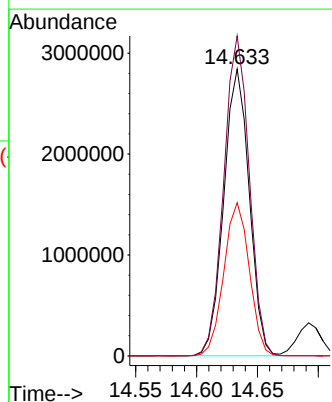
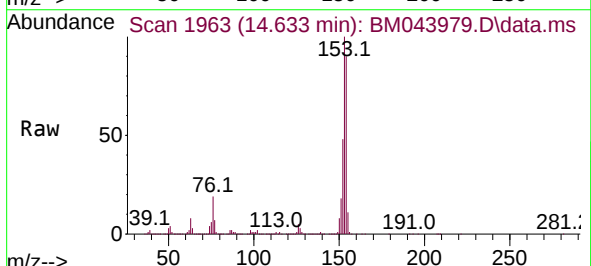
Instrument :
BNA_M
ClientSampleId :

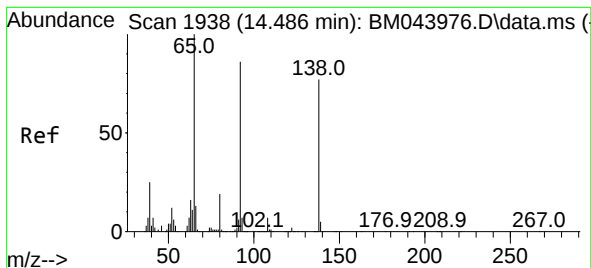
Tgt Ion:165 Resp: 1233691
Ion Ratio Lower Upper
165 100
63 58.7 51.1 76.7
89 59.0 49.5 74.3



#52
Acenaphthene
Concen: 82.224 ng
RT: 14.633 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:154 Resp: 4149871
Ion Ratio Lower Upper
154 100
153 111.6 90.1 135.1
152 53.4 43.6 65.4

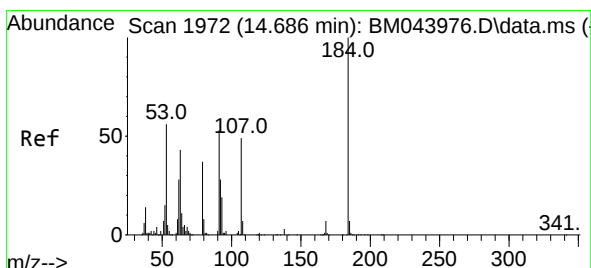
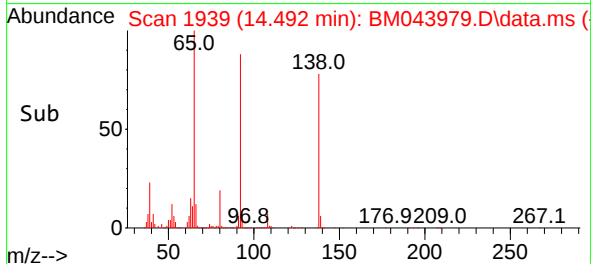
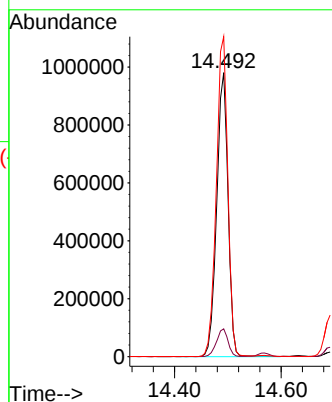
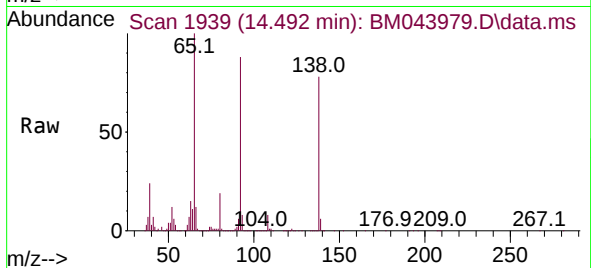




#53
3-Nitroaniline
Concen: 87.928 ng
RT: 14.492 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

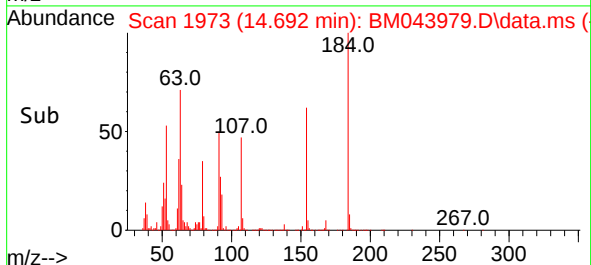
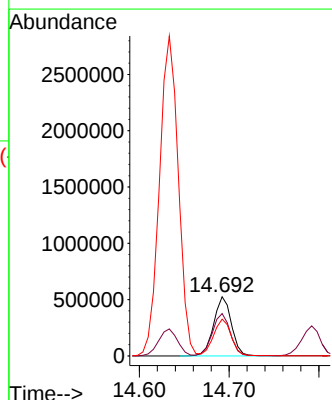
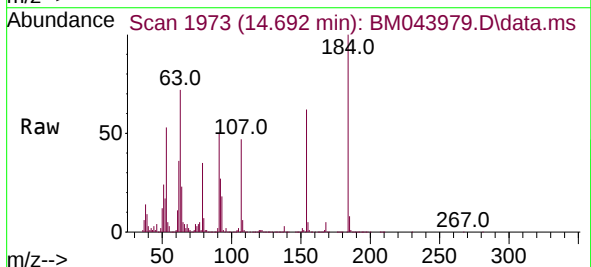
Instrument :
BNA_M
ClientSampleId :

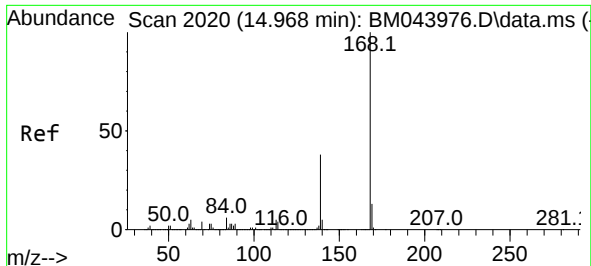
Tgt Ion:138 Resp: 1447435
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 112.7 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 99.535 ng
RT: 14.692 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

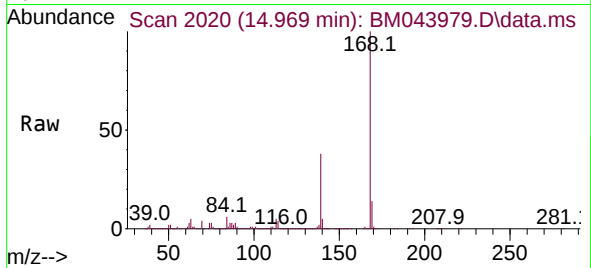
Tgt Ion:184 Resp: 721557
Ion Ratio Lower Upper
184 100
63 71.5 62.8 94.2
154 62.3 51.4 77.2



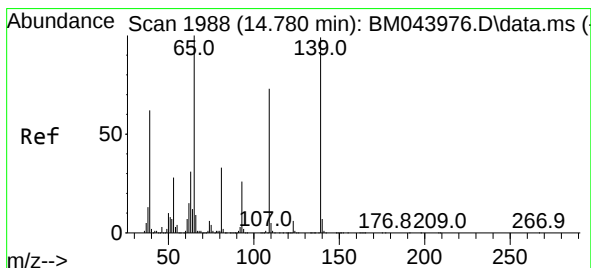
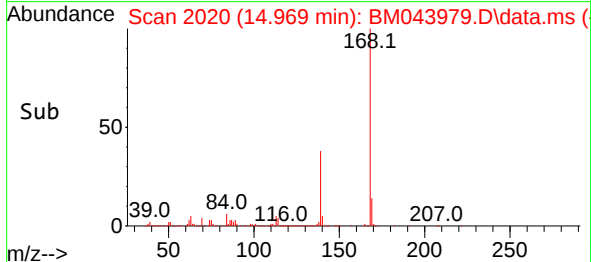
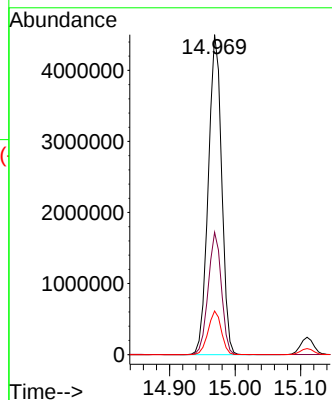


#55
Dibenzofuran
Concen: 80.898 ng
RT: 14.969 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Instrument :
BNA_M
ClientSampleId :

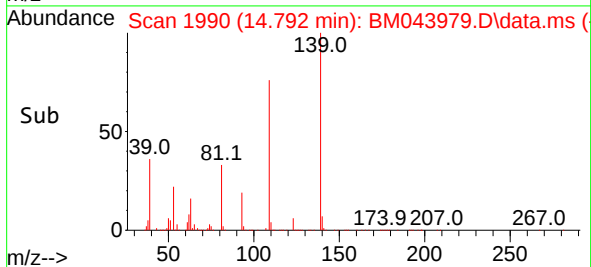
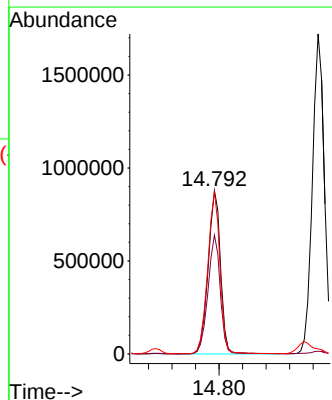
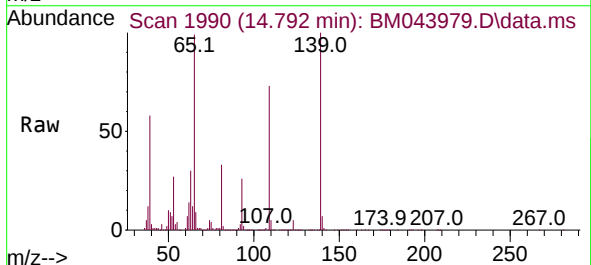


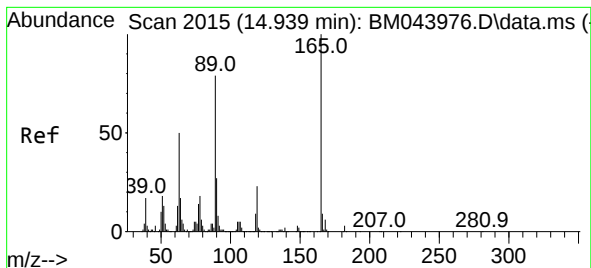
Tgt Ion:168 Resp: 6354110
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 89.170 ng
RT: 14.792 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

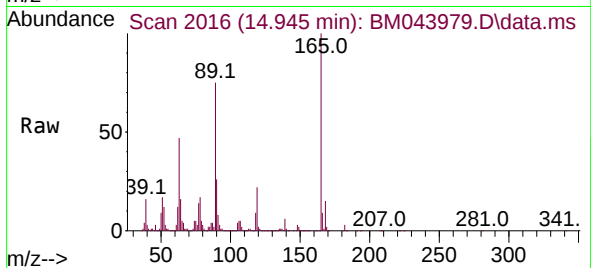
Tgt Ion:139 Resp: 1282776
Ion Ratio Lower Upper
139 100
109 72.7 53.2 93.2
65 99.1 80.7 120.7



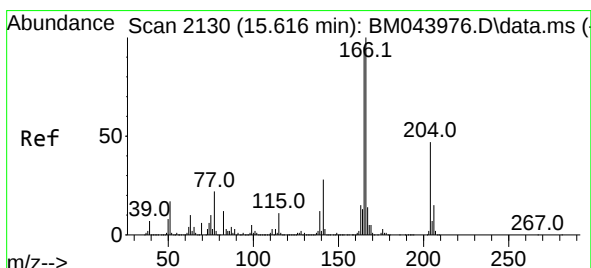
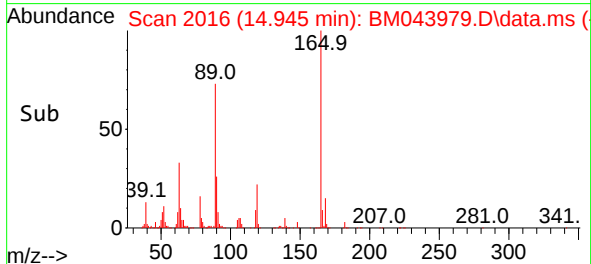
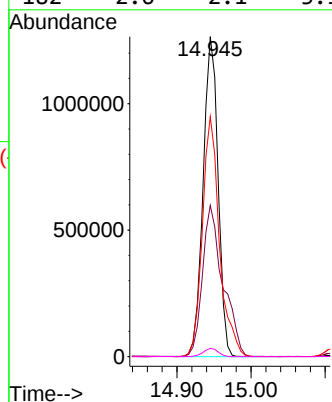


#57
2,4-Dinitrotoluene
Concen: 89.737 ng
RT: 14.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Instrument :
BNA_M
ClientSampleId :

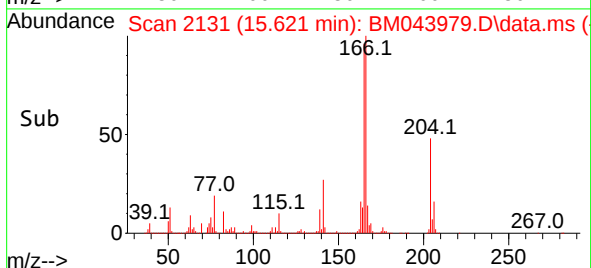
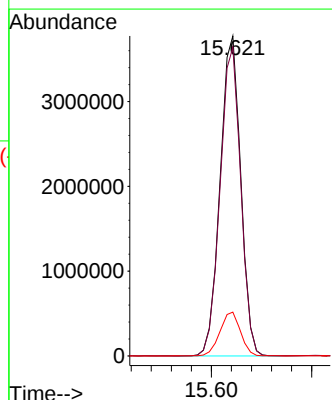
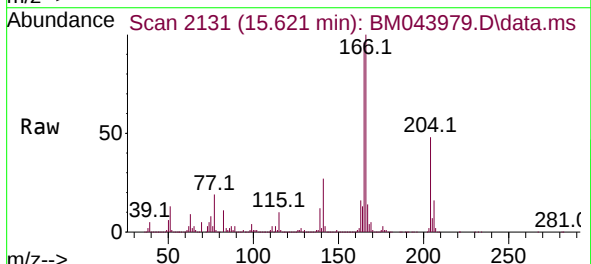


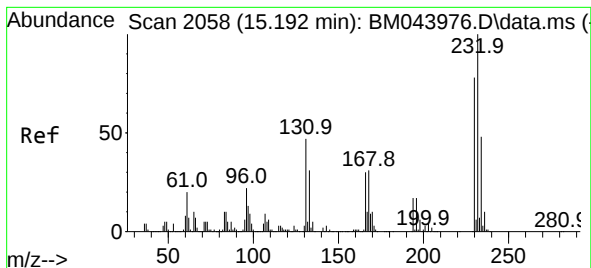
Tgt Ion:165 Resp: 1771300
Ion Ratio Lower Upper
165 100
63 47.3 40.2 60.4
89 75.0 63.3 94.9
182 2.6 2.1 3.1



#58
Fluorene
Concen: 81.229 ng
RT: 15.621 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:166 Resp: 5387958
Ion Ratio Lower Upper
166 100
165 96.4 76.3 114.5
167 13.7 10.9 16.3

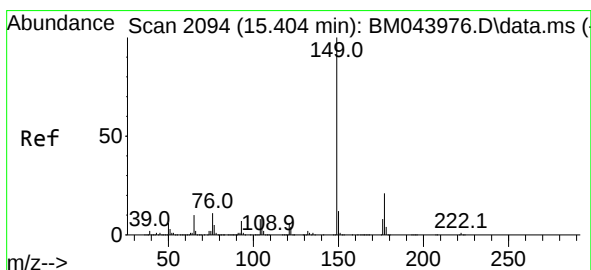
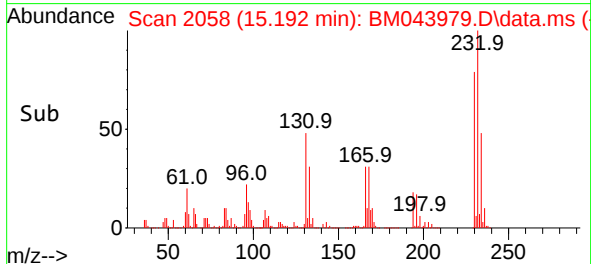
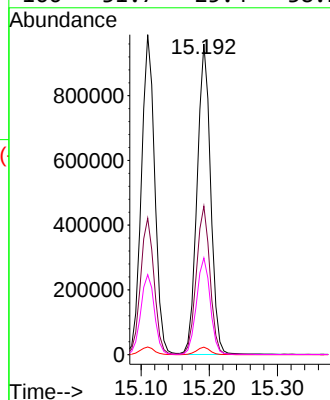
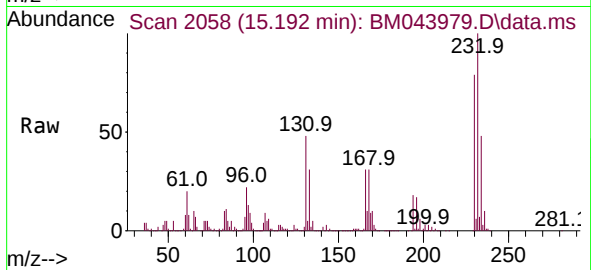




#59
2,3,4,6-Tetrachlorophenol
Concen: 84.292 ng
RT: 15.192 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

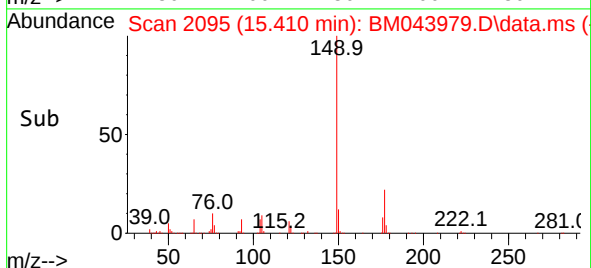
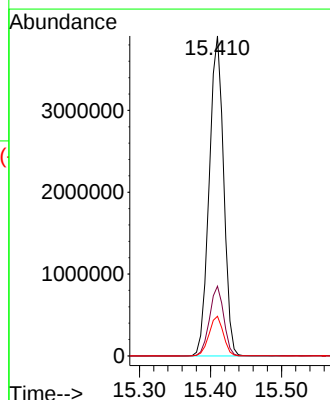
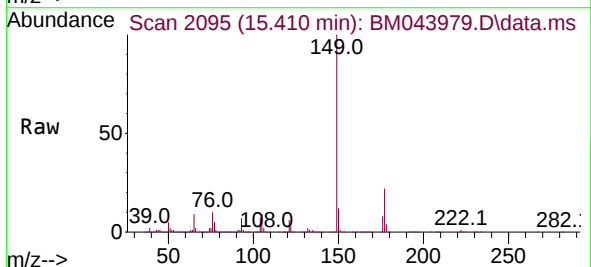
Instrument :
BNA_M
ClientSampleId :

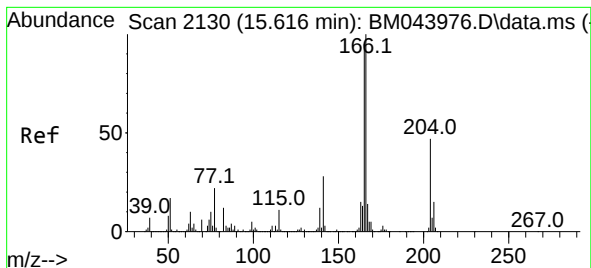
Tgt Ion:232 Resp: 1319713
Ion Ratio Lower Upper
232 100
131 48.3 39.8 59.6
130 2.4 2.0 3.0
166 31.7 25.4 38.2



#60
Diethylphthalate
Concen: 82.467 ng
RT: 15.410 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:149 Resp: 5507207
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.4 9.8 14.6

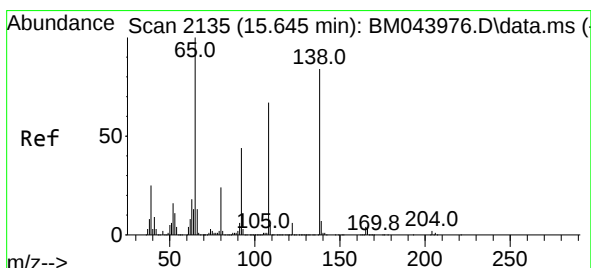
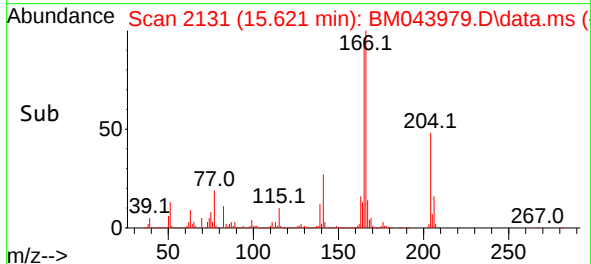
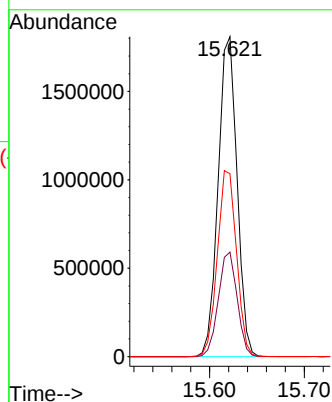
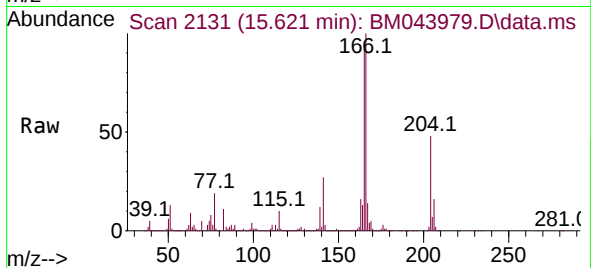




#61
4-Chlorophenyl-phenylether
Concen: 80.889 ng
RT: 15.621 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

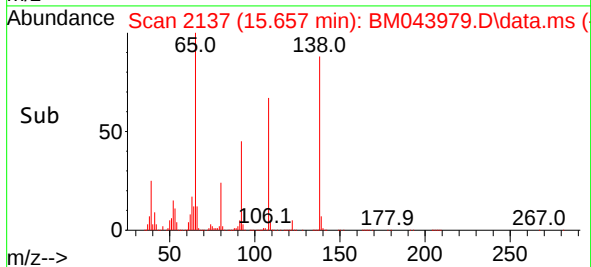
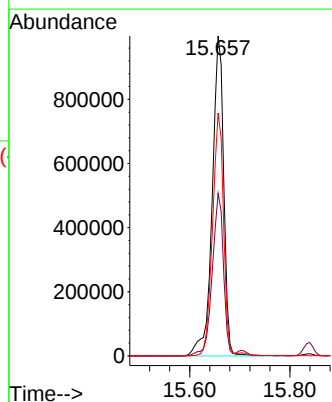
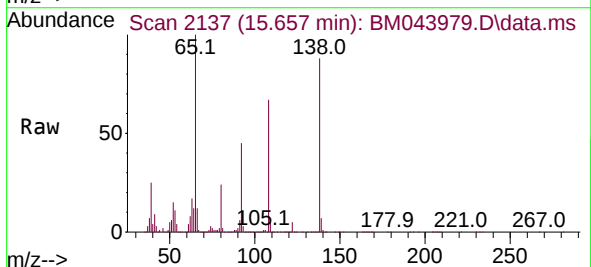
Instrument :
BNA_M
ClientSampleId :

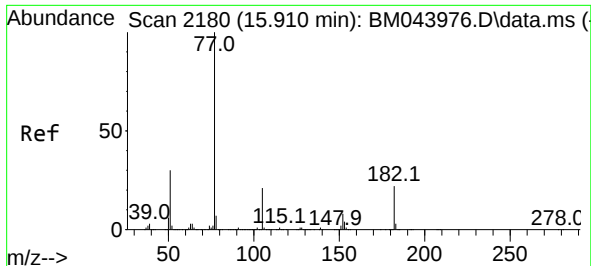
Tgt Ion:204 Resp: 2503198
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 57.1 48.6 72.8



#62
4-Nitroaniline
Concen: 88.227 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.012 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:138 Resp: 1587947
Ion Ratio Lower Upper
138 100
92 50.8 32.7 72.7
108 75.9 60.0 100.0



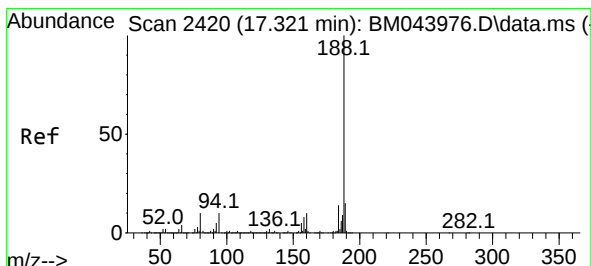
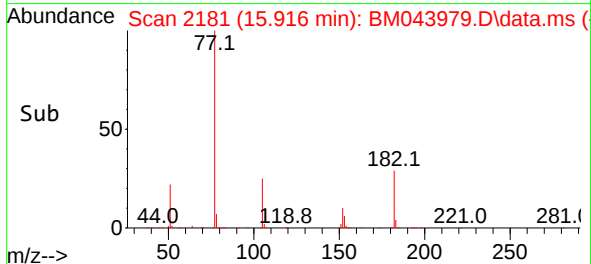
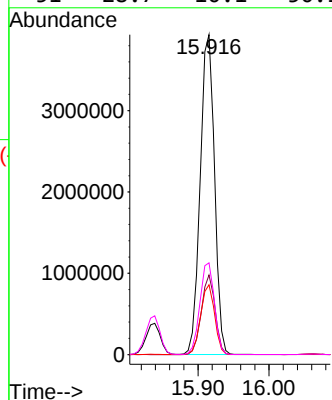
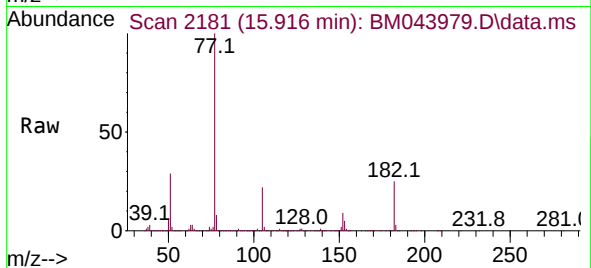


#63
Azobenzene
Concen: 82.091 ng
RT: 15.916 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 5475433

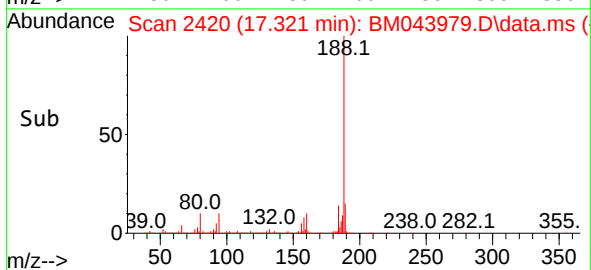
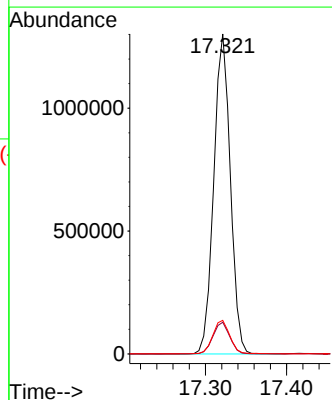
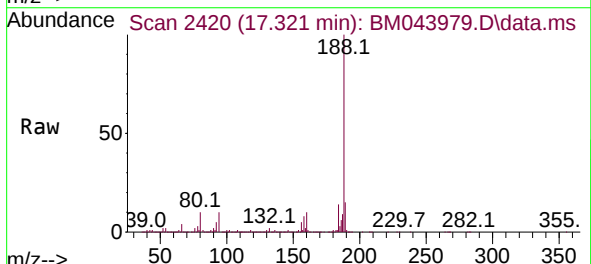
Ion	Ratio	Lower	Upper
77	100		
182	24.9	2.0	42.0
105	21.9	0.5	40.5
51	28.7	10.1	50.1

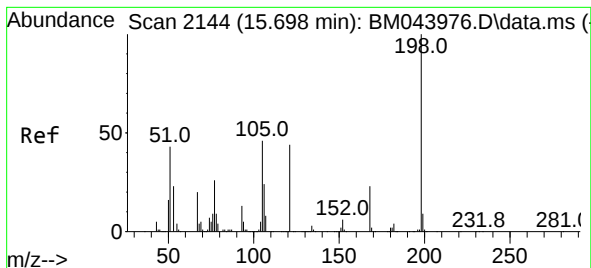


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:188 Resp: 1843735

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.7	11.5
80	10.5	8.2	12.4

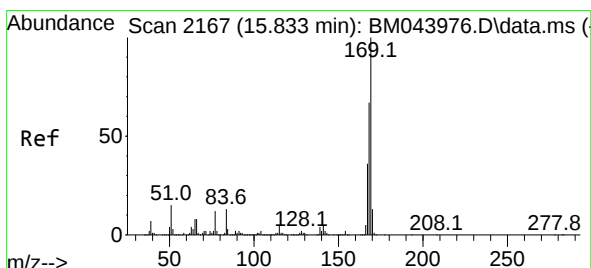
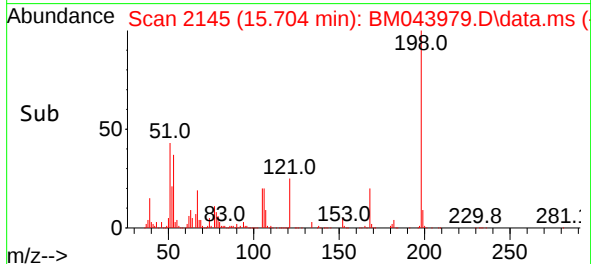
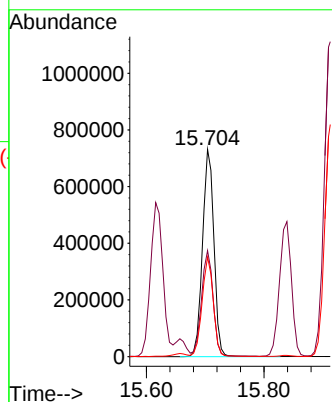
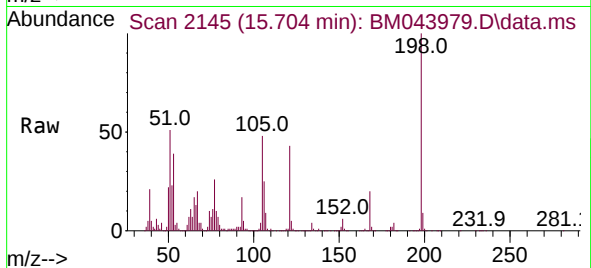




#65
4,6-Dinitro-2-methylphenol
Concen: 95.460 ng
RT: 15.704 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

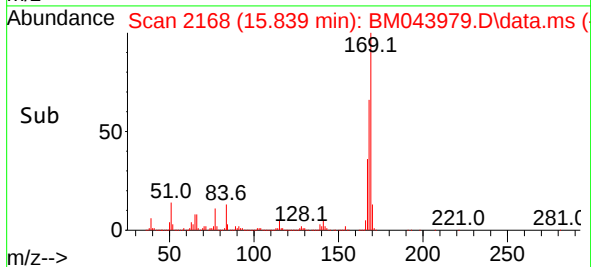
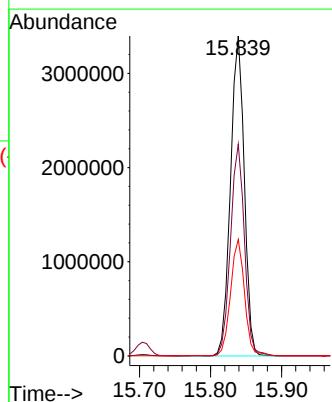
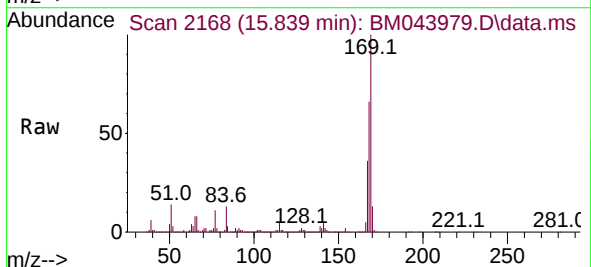
Instrument :
BNA_M
ClientSampleId :

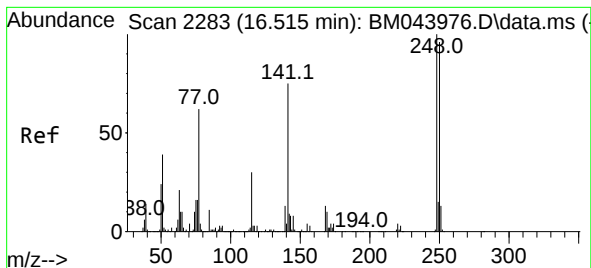
Tgt Ion:198 Resp: 985107
Ion Ratio Lower Upper
198 100
51 51.1 31.9 71.9
105 48.1 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 83.438 ng
RT: 15.839 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:169 Resp: 4582460
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 36.4 29.0 43.4

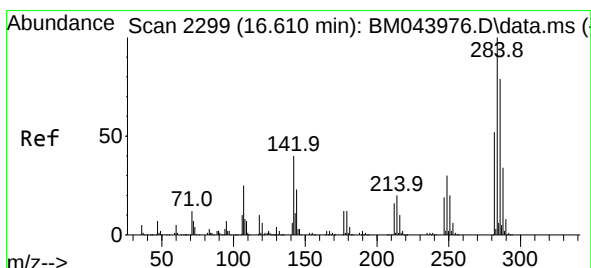
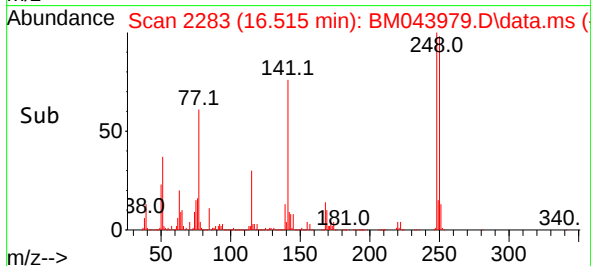
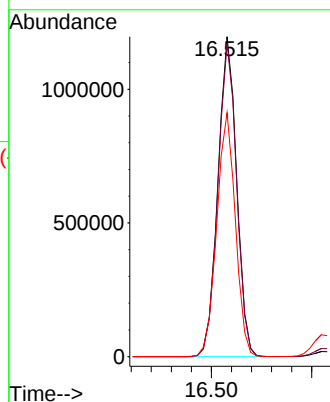
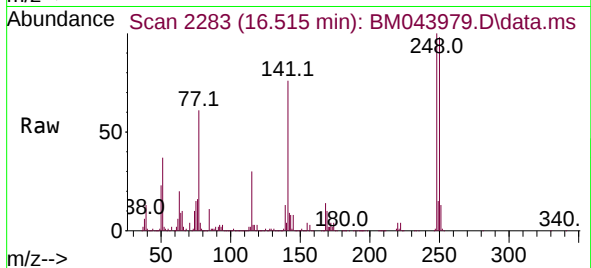




#67
4-Bromophenyl-phenylether
Concen: 85.634 ng
RT: 16.515 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

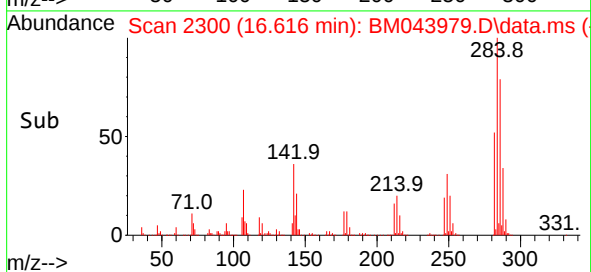
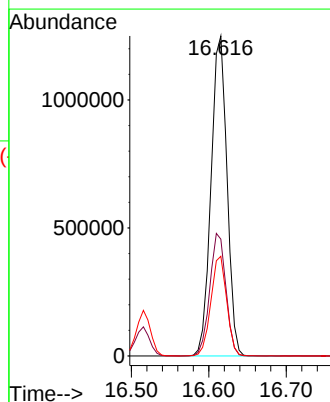
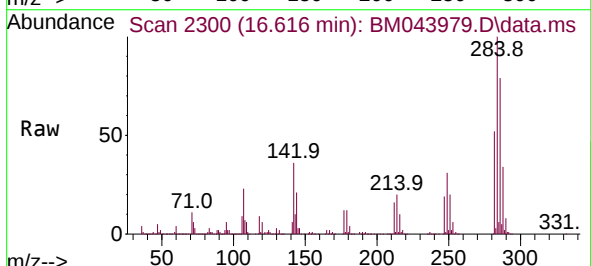
Instrument :
BNA_M
ClientSampleId :

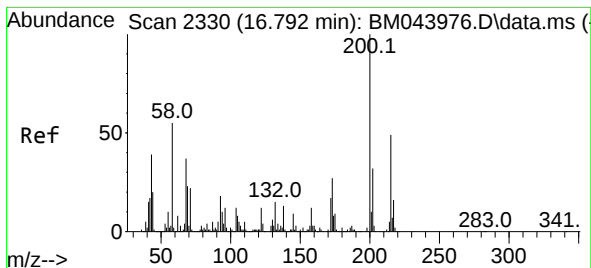
Tgt Ion:248 Resp: 1555367
Ion Ratio Lower Upper
248 100
250 97.8 77.0 115.4
141 76.2 59.9 89.9



#68
Hexachlorobenzene
Concen: 82.531 ng
RT: 16.616 min Scan# 2300
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:284 Resp: 1787267
Ion Ratio Lower Upper
284 100
142 36.5 32.2 48.4
249 31.1 24.4 36.6





#69

Atrazine

Concen: 70.605 ng

RT: 16.798 min Scan# 2331

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

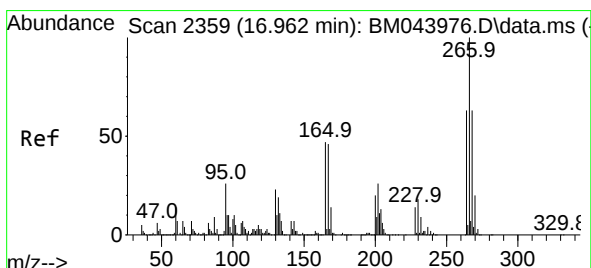
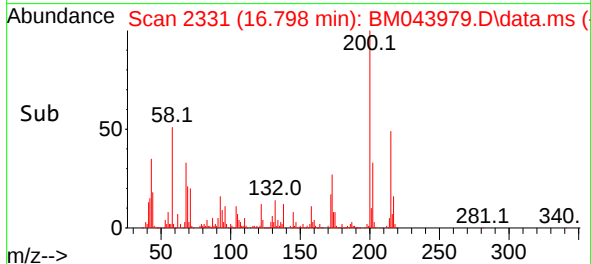
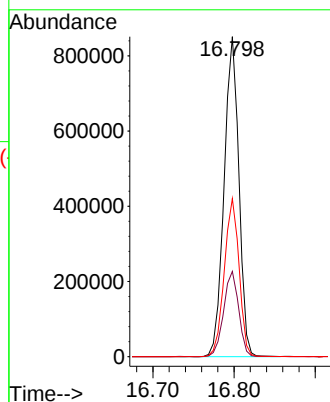
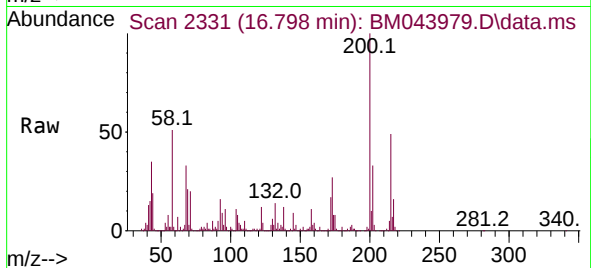
Tgt Ion:200 Resp: 1072773

Ion Ratio Lower Upper

200 100

173 26.6 7.3 47.3

215 49.4 28.7 68.7



#70

Pentachlorophenol

Concen: 89.869 ng

RT: 16.963 min Scan# 2359

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

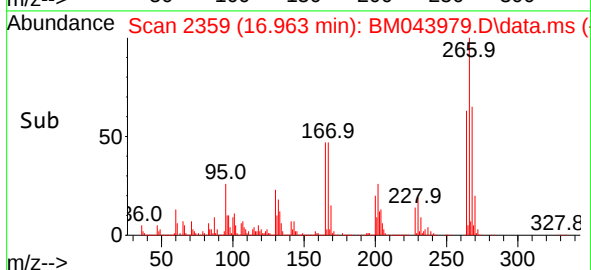
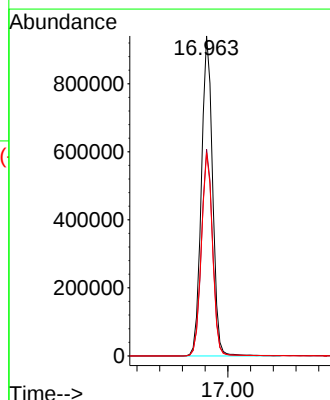
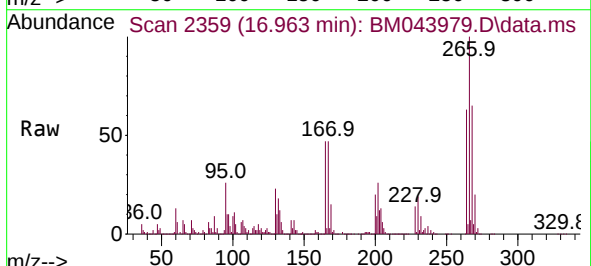
Tgt Ion:266 Resp: 1277936

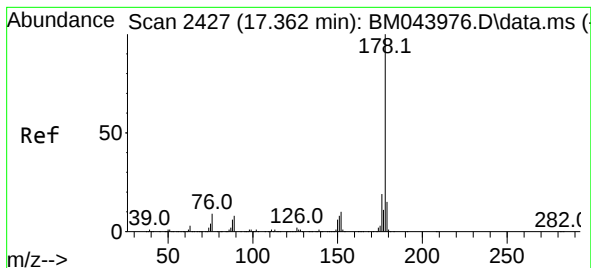
Ion Ratio Lower Upper

266 100

268 64.5 50.6 76.0

264 63.5 50.6 76.0





#71

Phenanthrene

Concen: 82.555 ng

RT: 17.363 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

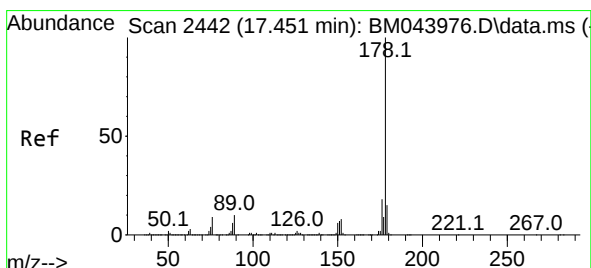
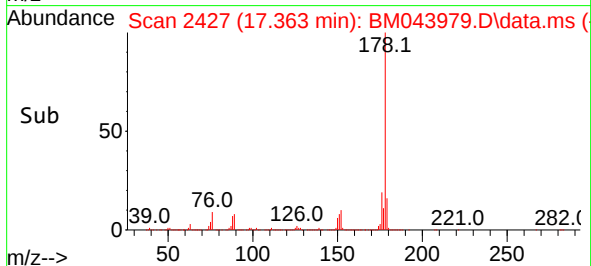
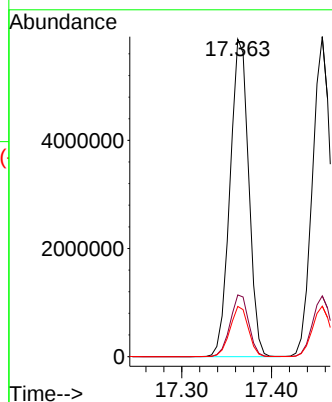
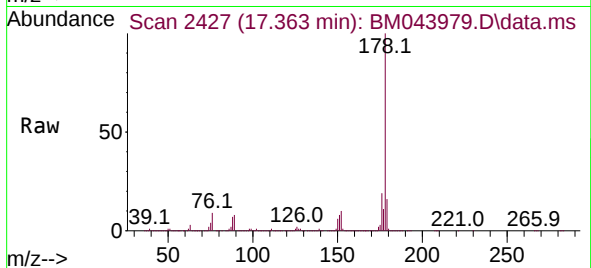
Tgt Ion:178 Resp: 8477864

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.8 12.4 18.6



#72

Anthracene

Concen: 83.446 ng

RT: 17.457 min Scan# 2443

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

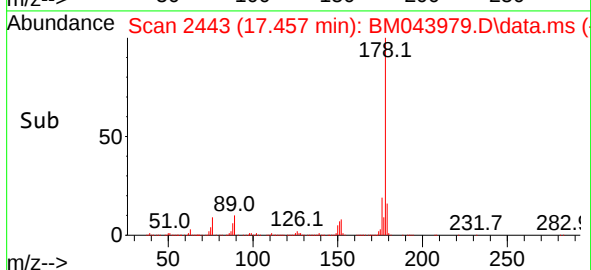
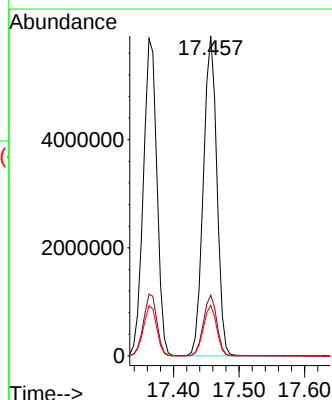
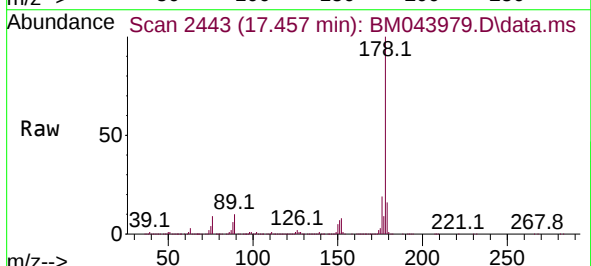
Tgt Ion:178 Resp: 8389622

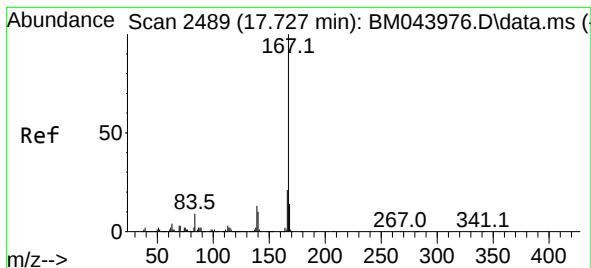
Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

179 15.8 12.2 18.4





#73

Carbazole

Concen: 83.323 ng

RT: 17.733 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

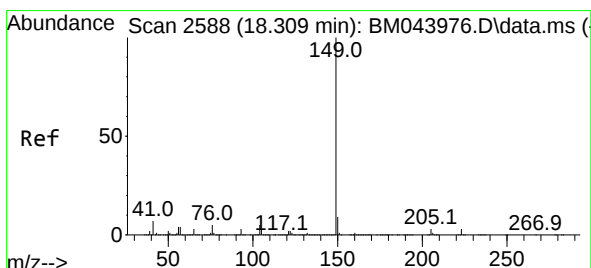
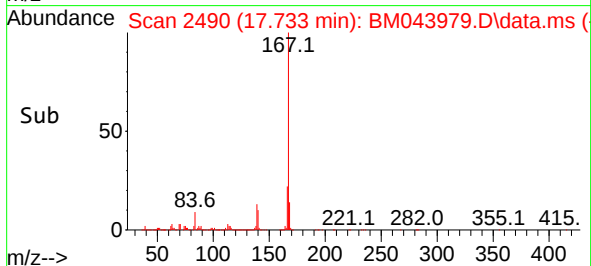
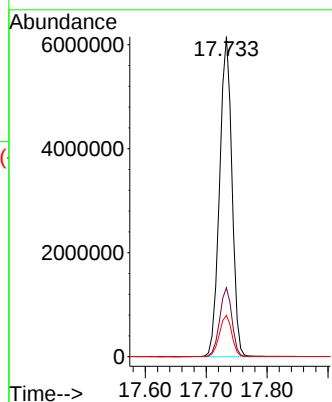
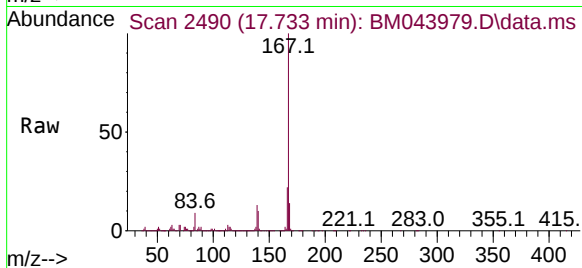
Tgt Ion:167 Resp: 8675962

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 85.035 ng

RT: 18.310 min Scan# 2588

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

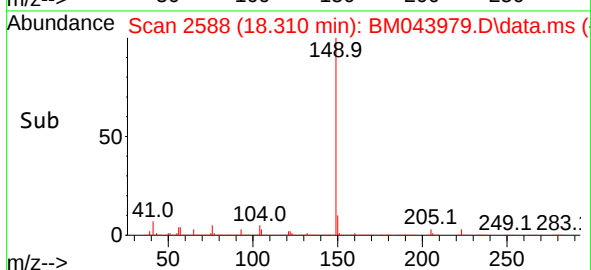
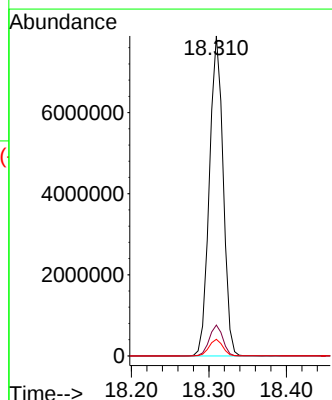
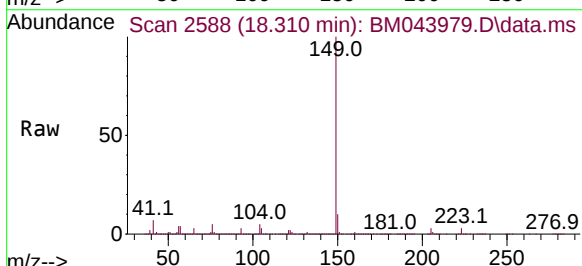
Tgt Ion:149 Resp: 9710233

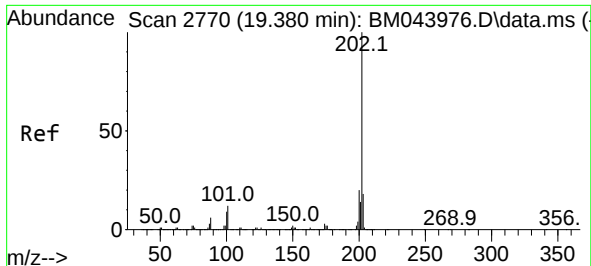
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

104 5.2 4.1 6.1

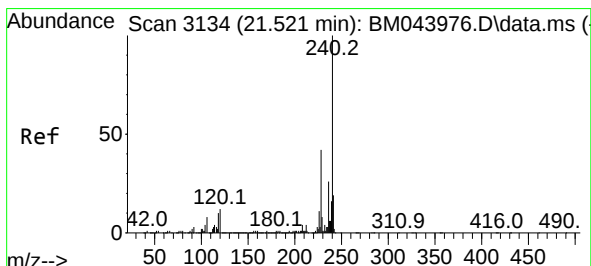
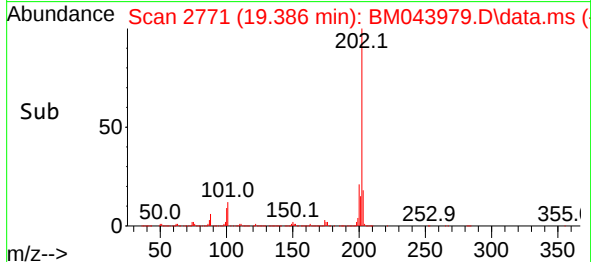
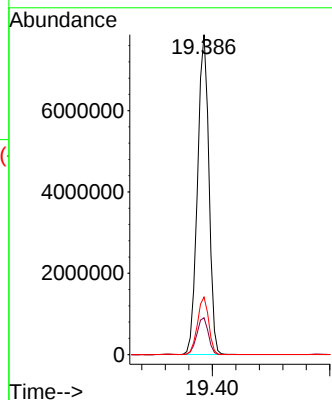
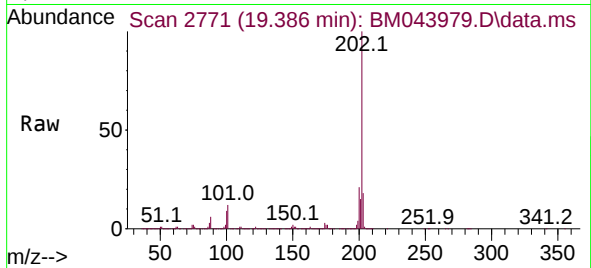




#75
Fluoranthene
Concen: 82.926 ng
RT: 19.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

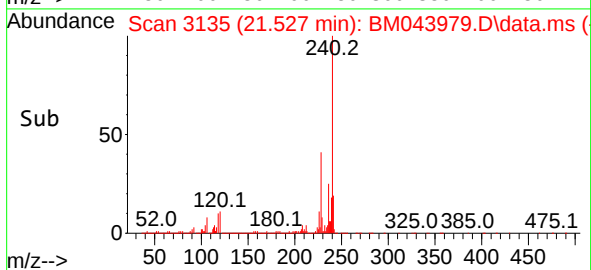
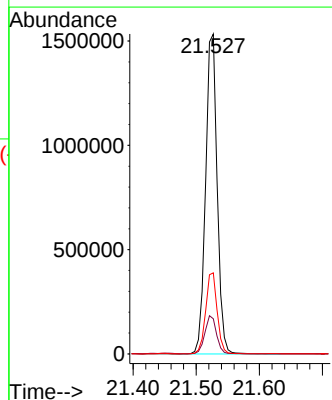
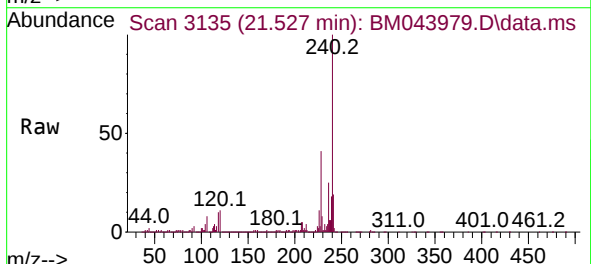
Instrument :
BNA_M
ClientSampleId :

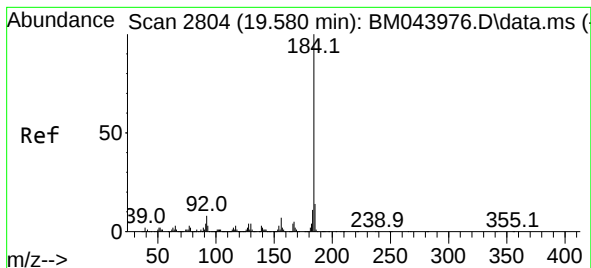
Tgt Ion:202 Resp:10531233
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.9
203 18.0 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BM043979.D
Acq: 05 Feb 2024 15:49

Tgt Ion:240 Resp: 1944262
Ion Ratio Lower Upper
240 100
120 11.0 9.3 13.9
236 25.3 20.5 30.7





#77

Benzidine

Concen: 104.031 ng

RT: 19.580 min Scan# 2804

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

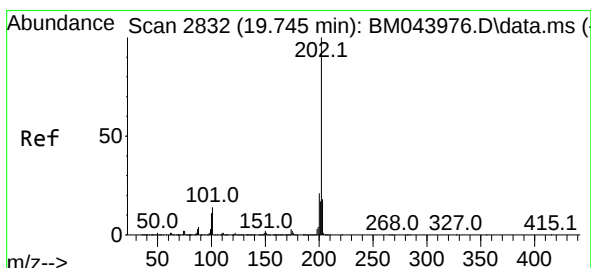
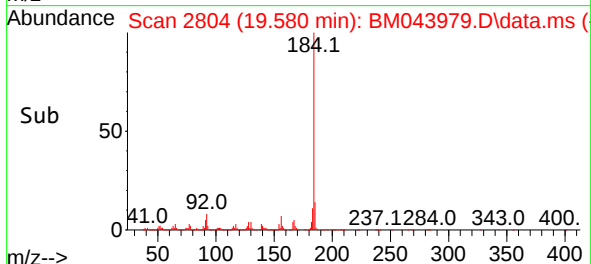
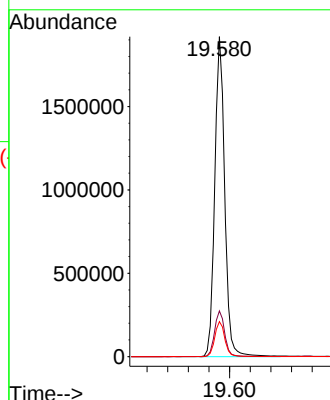
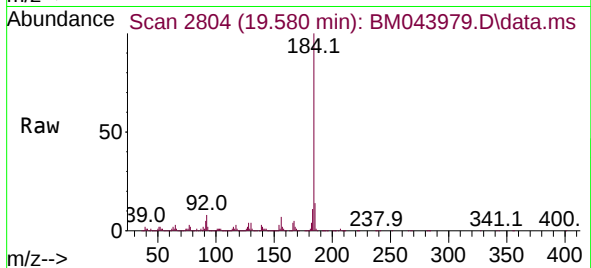
Tgt Ion:184 Resp: 2566251

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 10.9 8.9 13.3



#78

Pyrene

Concen: 83.596 ng

RT: 19.751 min Scan# 2833

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

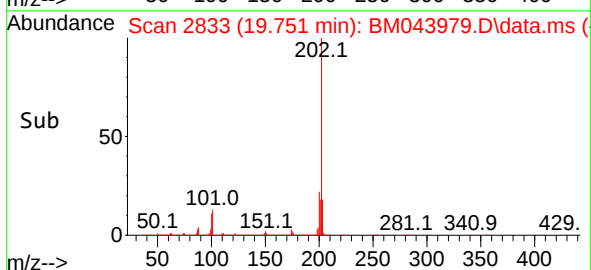
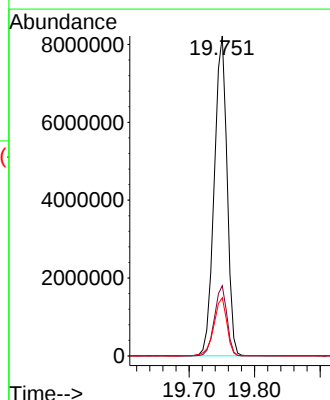
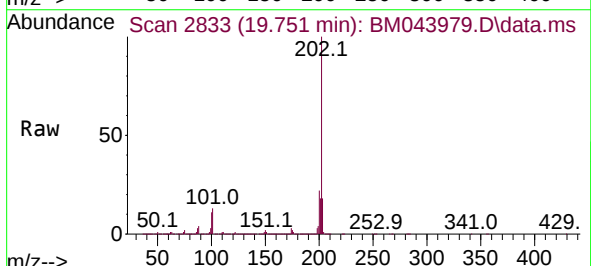
Tgt Ion:202 Resp:11172327

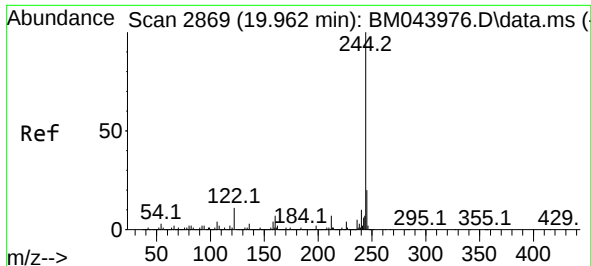
Ion Ratio Lower Upper

202 100

200 21.9 16.8 25.2

203 18.2 14.2 21.4

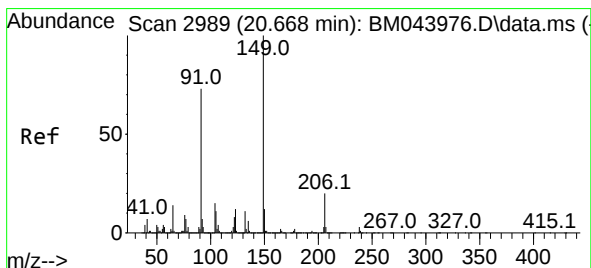
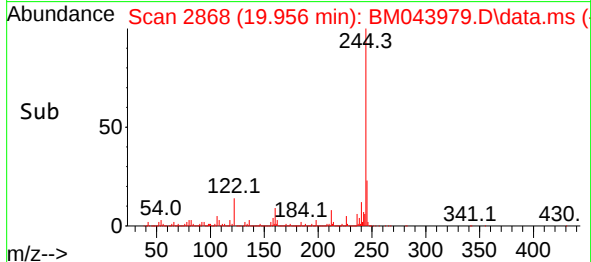
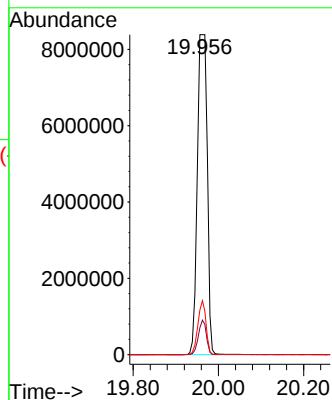
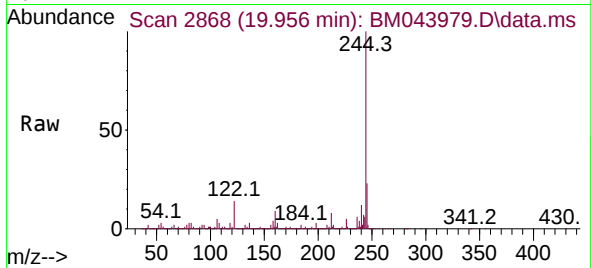




#79
 Terphenyl-d14
 Concen: 134.820 ng
 RT: 19.956 min Scan# 2868
 Delta R.T. -0.006 min
 Lab File: BM043979.D
 Acq: 05 Feb 2024 15:49

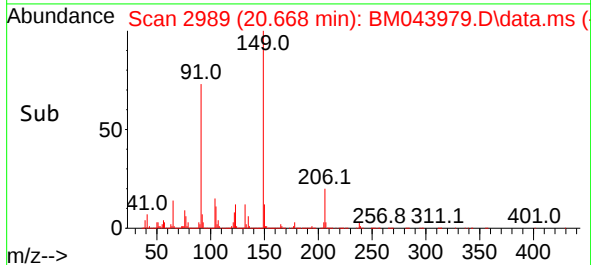
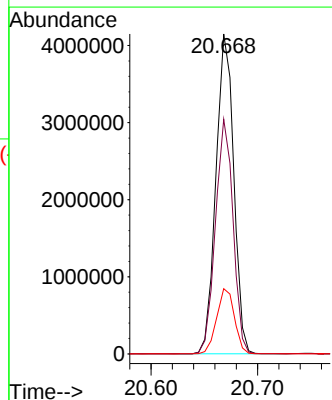
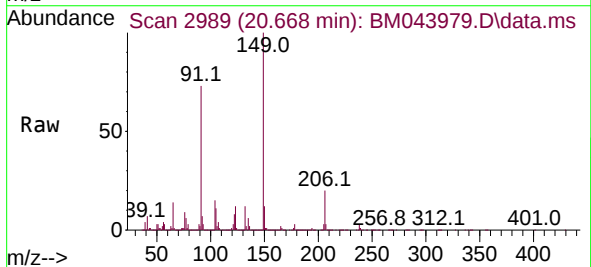
Instrument :
 BNA_M
 ClientSampleId :

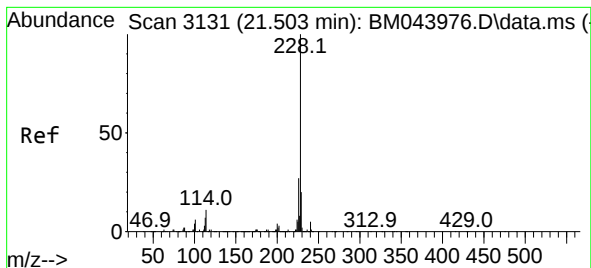
Tgt Ion:244 Resp:13578646
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.5 8.3#
 122 13.9 8.7 13.1#



#80
 Butylbenzylphthalate
 Concen: 91.181 ng
 RT: 20.668 min Scan# 2989
 Delta R.T. 0.000 min
 Lab File: BM043979.D
 Acq: 05 Feb 2024 15:49

Tgt Ion:149 Resp: 4825424
 Ion Ratio Lower Upper
 149 100
 91 73.3 58.4 87.6
 206 20.4 15.8 23.6





#81

Benzo(a)anthracene

Concen: 80.523 ng

RT: 21.509 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

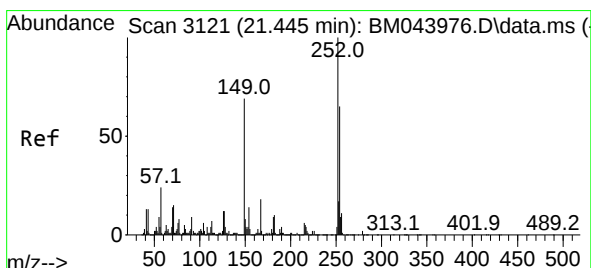
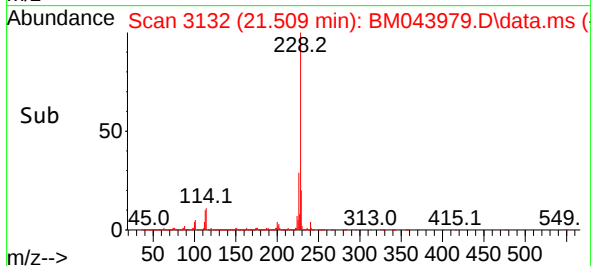
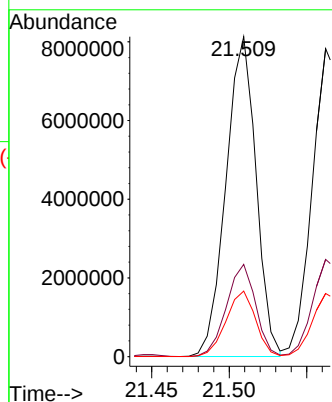
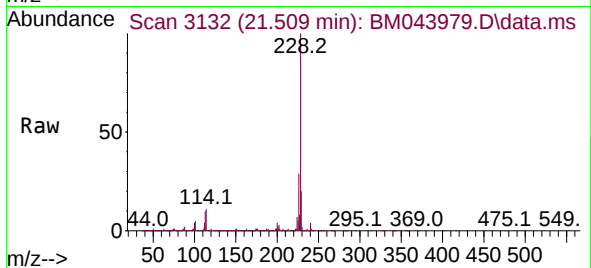
Tgt Ion:228 Resp:10983521

Ion Ratio Lower Upper

228 100

226 28.8 21.8 32.8

229 20.5 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 86.762 ng

RT: 21.450 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

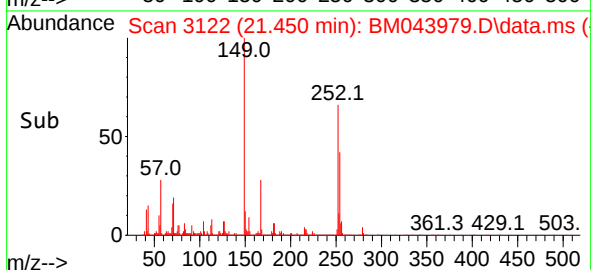
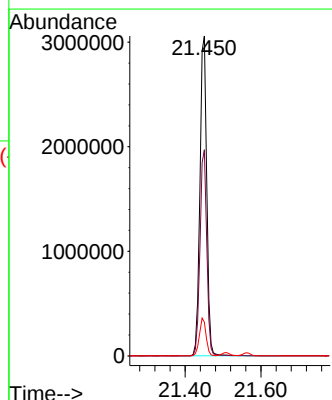
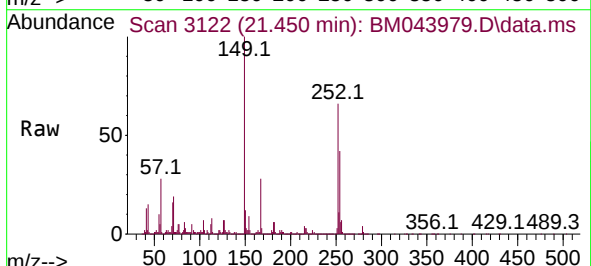
Tgt Ion:252 Resp: 3784072

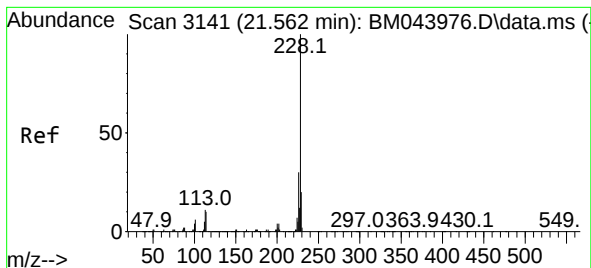
Ion Ratio Lower Upper

252 100

254 64.4 51.6 77.4

126 10.5 9.4 14.2





#83

Chrysene

Concen: 80.243 ng

RT: 21.562 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

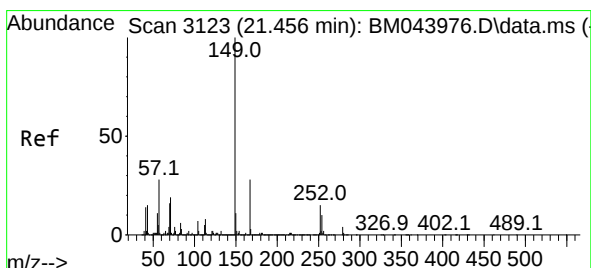
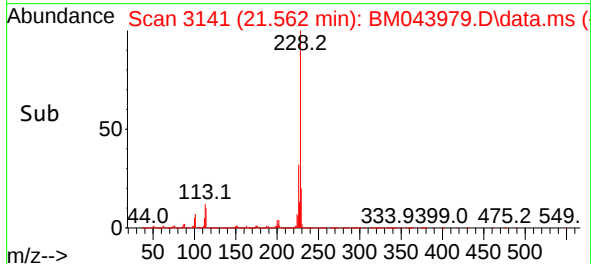
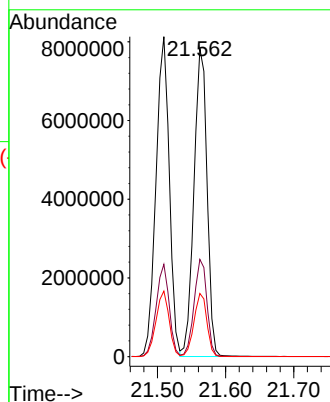
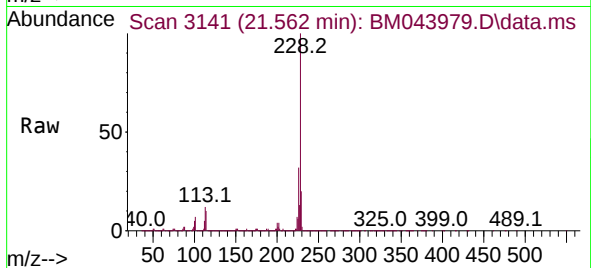
Tgt Ion:228 Resp:10486200

Ion Ratio Lower Upper

228 100

226 31.5 24.2 36.4

229 20.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 85.794 ng

RT: 21.456 min Scan# 3123

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

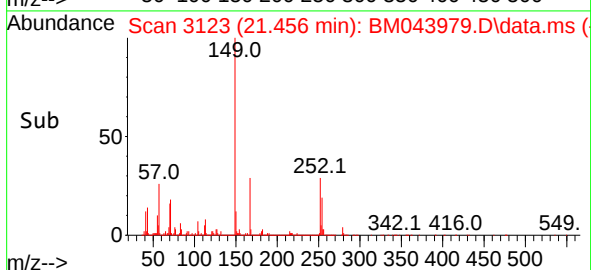
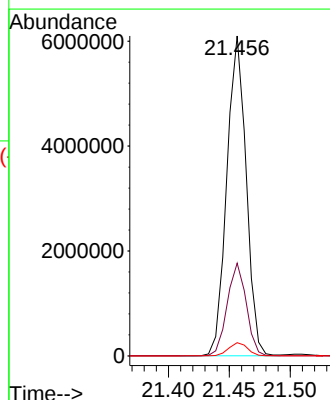
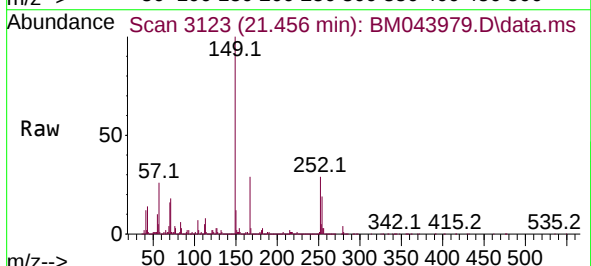
Tgt Ion:149 Resp: 6752113

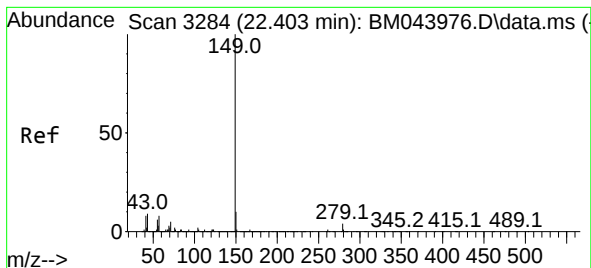
Ion Ratio Lower Upper

149 100

167 29.0 22.0 33.0

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 89.173 ng

RT: 22.403 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

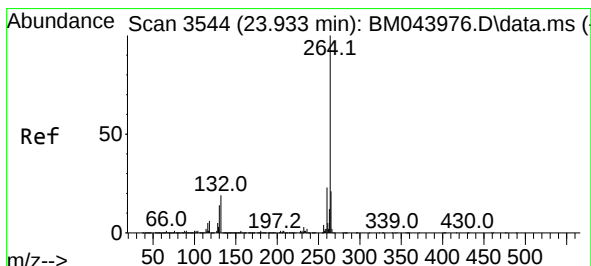
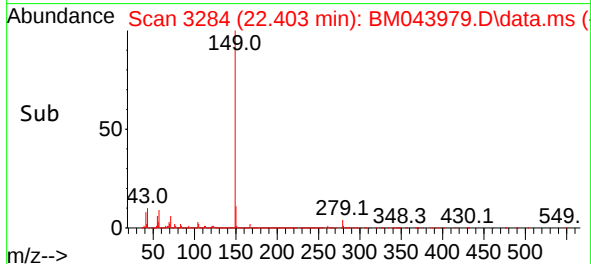
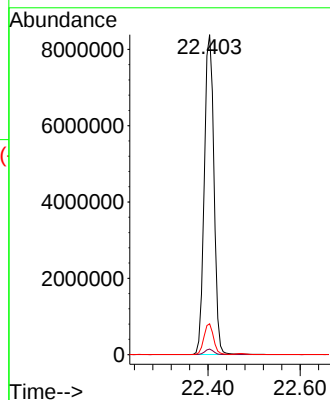
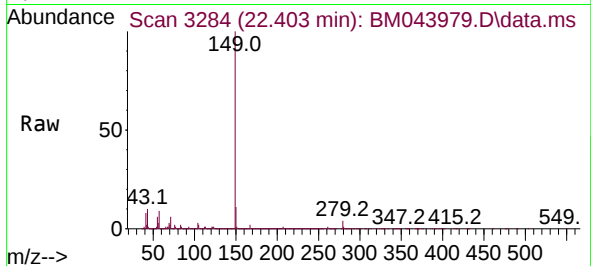
Tgt Ion:149 Resp:12089785

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.7 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3544

Delta R.T. 0.000 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

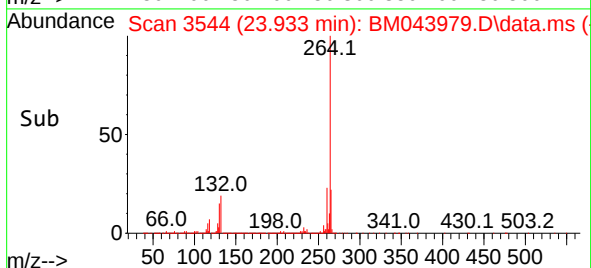
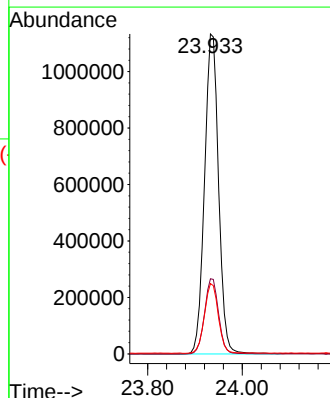
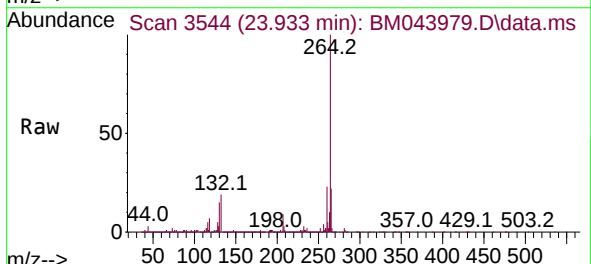
Tgt Ion:264 Resp: 2330027

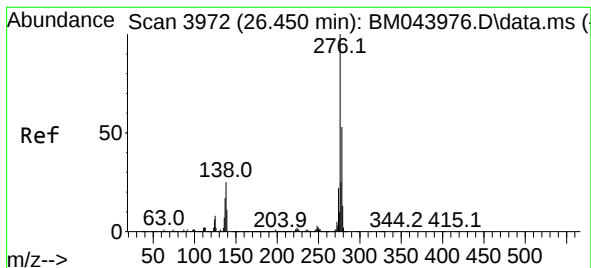
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 22.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 80.958 ng

RT: 26.462 min Scan# 3974

Delta R.T. 0.012 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

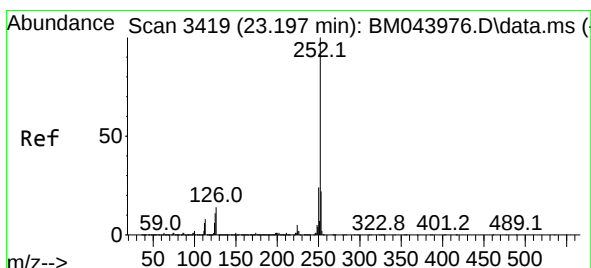
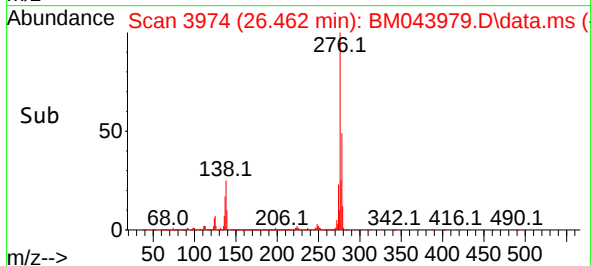
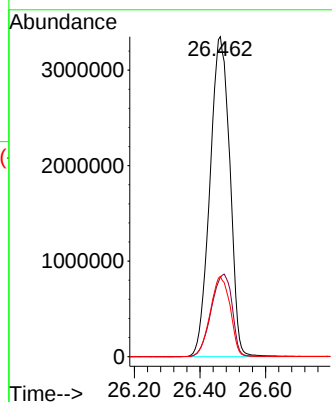
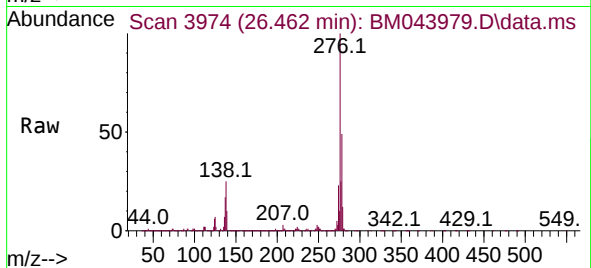
Tgt Ion:276 Resp:14114981

Ion Ratio Lower Upper

276 100

138 27.2 21.8 32.6

277 25.2 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 83.479 ng

RT: 23.209 min Scan# 3421

Delta R.T. 0.012 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

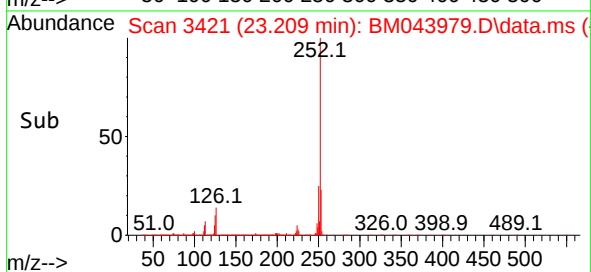
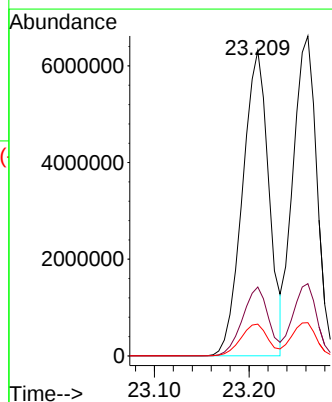
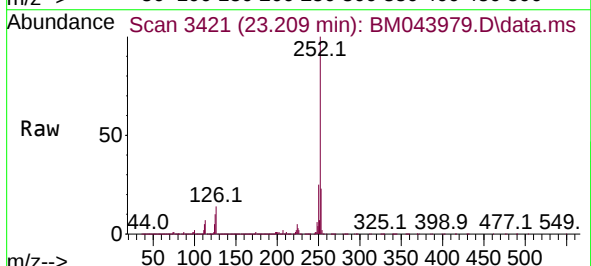
Tgt Ion:252 Resp:12235036

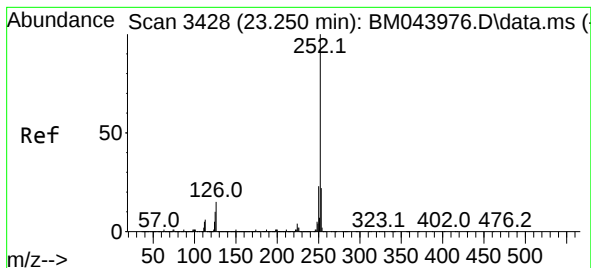
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 10.4 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 82.403 ng

RT: 23.262 min Scan# 34

Delta R.T. 0.012 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

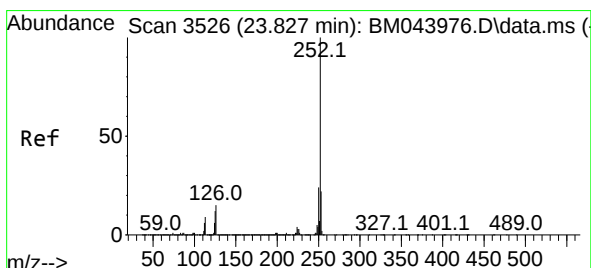
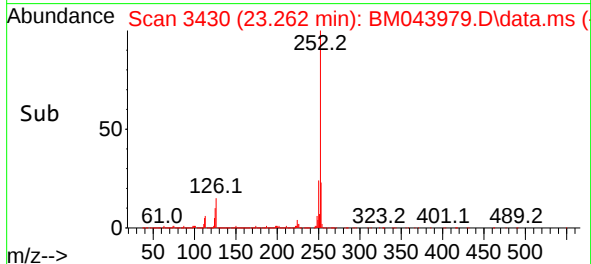
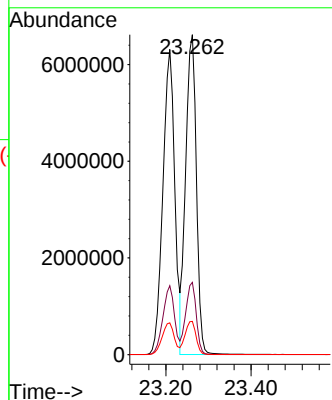
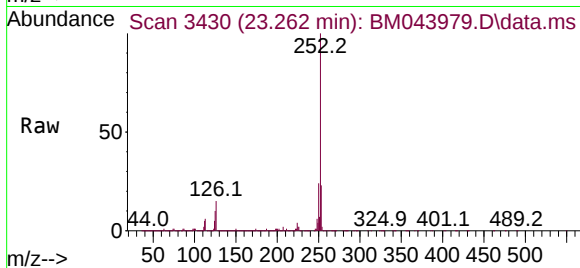
Tgt Ion:252 Resp:11587116

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

125 10.4 8.3 12.5



#90

Benzo(a)pyrene

Concen: 84.542 ng

RT: 23.839 min Scan# 3528

Delta R.T. 0.012 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

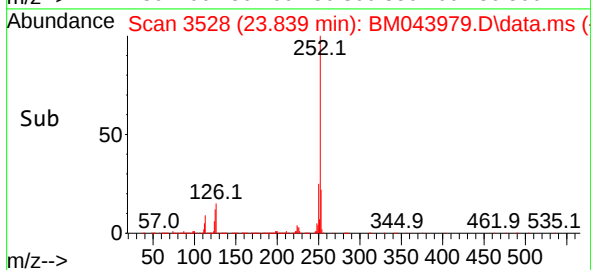
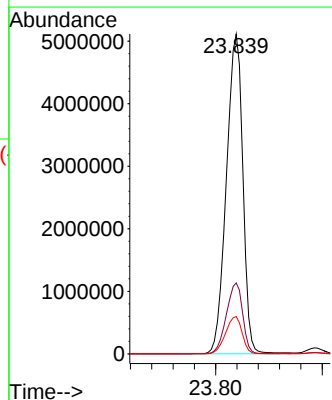
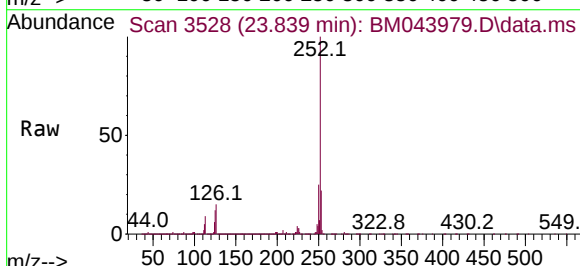
Tgt Ion:252 Resp:10952319

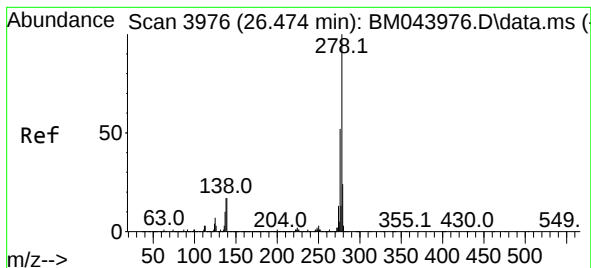
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 80.819 ng

RT: 26.491 min Scan# 39

Delta R.T. 0.018 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Instrument :

BNA_M

ClientSampleId :

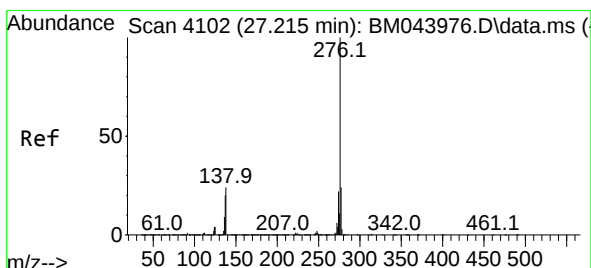
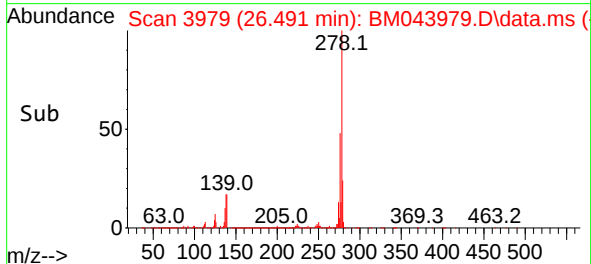
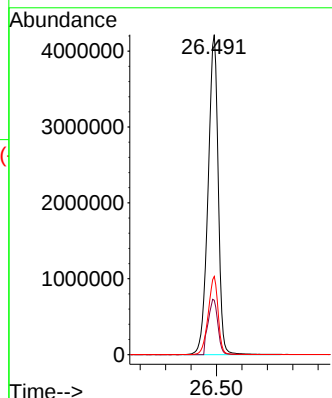
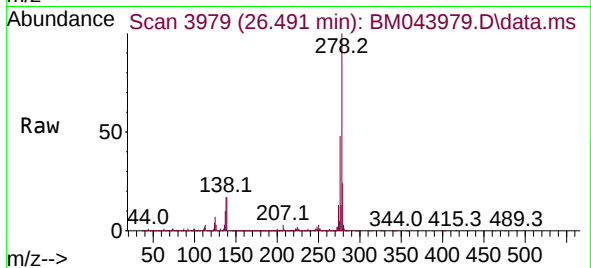
Tgt Ion:278 Resp:11620738

Ion Ratio Lower Upper

278 100

139 17.0 13.7 20.5

279 24.4 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 79.263 ng

RT: 27.232 min Scan# 4105

Delta R.T. 0.018 min

Lab File: BM043979.D

Acq: 05 Feb 2024 15:49

Tgt Ion:276 Resp:11624763

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 24.0 18.8 28.2

