

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041933.D
 Acq On : 20 Sep 2023 11:11
 Operator : MA/JU
 Sample : PB155666BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155666BS

Quant Time: Sep 20 12:12:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	312782	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1280053	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	769507	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1543654	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1272789	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1168287	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2904115	154.648	ng	0.00
7) Phenol-d6	7.110	99	3798132	145.668	ng	0.00
23) Nitrobenzene-d5	9.157	82	2368164	94.196	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1342932	139.872	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	5002470	95.418	ng	0.00
79) Terphenyl-d14	19.968	244	7200141	103.030	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.405	88	276679	36.122	ng 99
3) Pyridine	3.810	79	792442	33.304	ng 97
4) n-Nitrosodimethylamine	3.740	42	506360	44.770	ng 97
6) Aniline	7.298	93	1224909	35.459	ng 99
8) 2-Chlorophenol	7.516	128	1048969	50.172	ng 99
9) Benzaldehyde	7.116	77	368498	24.999	ng 97
10) Phenol	7.140	94	1359867	50.810	ng 99
11) bis(2-Chloroethyl)ether	7.393	93	1009299	45.209	ng 99
12) 1,3-Dichlorobenzene	7.840	146	1042483	46.698	ng 99
13) 1,4-Dichlorobenzene	7.998	146	1064928	46.948	ng 99
14) 1,2-Dichlorobenzene	8.310	146	1033862	47.417	ng 99
15) Benzyl Alcohol	8.216	79	969159	47.081	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1580749	46.298	ng 99
17) 2-Methylphenol	8.392	107	893842	45.929	ng 100
18) Hexachloroethane	9.028	117	392459	46.030	ng 98
19) n-Nitroso-di-n-propyla...	8.775	70	841286	43.405	ng 99
20) 3+4-Methylphenols	8.728	107	1213919	45.443	ng 99
22) Acetophenone	8.804	105	1524413	47.639	ng 100
24) Nitrobenzene	9.198	77	1187940	47.605	ng 99
25) Isophorone	9.710	82	2235132	45.044	ng 99
26) 2-Nitrophenol	9.898	139	552696	49.175	ng 99
27) 2,4-Dimethylphenol	9.934	122	1027842	50.850	ng 99
28) bis(2-Chloroethoxy)met...	10.192	93	1370696	47.263	ng 99
29) 2,4-Dichlorophenol	10.416	162	999399	51.090	ng 99
30) 1,2,4-Trichlorobenzene	10.628	180	986197	49.105	ng 98
31) Naphthalene	10.834	128	3024383	46.931	ng 100
32) Benzoic acid	10.086	122	747576	46.940	ng 99
33) 4-Chloroaniline	10.957	127	573500	19.883	ng 100
34) Hexachlorobutadiene	11.057	225	579597	47.248	ng 99
35) Caprolactam	11.792	113	181390	25.945	ng 95
36) 4-Chloro-3-methylphenol	12.051	107	1046161	47.989	ng 100
37) 2-Methylnaphthalene	12.433	142	2117909	44.699	ng 99
38) 1-Methylnaphthalene	12.651	142	1990223	44.724	ng 99
40) 1,2,4,5-Tetrachloroben...	12.786	216	1086545	48.688	ng 100
41) Hexachlorocyclopentadiene	12.733	237	1336830	106.535	ng 100
43) 2,4,6-Trichlorophenol	13.033	196	765135	50.380	ng 100

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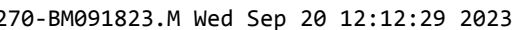
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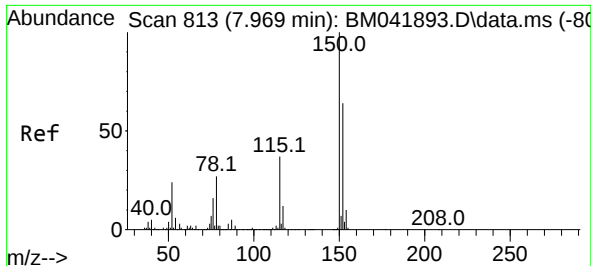
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	818250	46.036	ng	99
46) 1,1'-Biphenyl	13.439	154	2754201	48.510	ng	99
47) 2-Chloronaphthalene	13.492	162	2076193	50.214	ng	99
48) 2-Nitroaniline	13.722	65	704640	47.693	ng	99
49) Acenaphthylene	14.339	152	3270563	47.663	ng	99
50) Dimethylphthalate	14.069	163	2617340	46.008	ng	100
51) 2,6-Dinitrotoluene	14.210	165	571412	47.397	ng	99
52) Acenaphthene	14.674	154	1966787	47.655	ng	100
53) 3-Nitroaniline	14.545	138	428272	31.739	ng	96
54) 2,4-Dinitrophenol	14.751	184	668857	88.833	ng	99
55) Dibenzofuran	15.010	168	3102113	46.564	ng	99
56) 4-Nitrophenol	14.839	139	1025567	95.831	ng	97
57) 2,4-Dinitrotoluene	14.992	165	754883	47.327	ng	98
58) Fluorene	15.657	166	2447752	46.604	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	701267	48.068	ng	98
60) Diethylphthalate	15.421	149	2563644	45.303	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1281099	46.494	ng	99
62) 4-Nitroaniline	15.716	138	558092	43.010	ng	97
63) Azobenzene	15.939	77	2683367	46.774	ng	98
65) 4,6-Dinitro-2-methylph...	15.745	198	438021	49.415	ng	99
66) n-Nitrosodiphenylamine	15.868	169	2159182	49.525	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	751733	47.257	ng	99
68) Hexachlorobenzene	16.627	284	867217	51.490	ng	96
69) Atrazine	16.815	200	791079	58.187	ng	100
70) Pentachlorophenol	16.986	266	1134057	89.118	ng	99
71) Phenanthrene	17.404	178	3792245	49.259	ng	99
72) Anthracene	17.498	178	3804950	48.449	ng	99
73) Carbazole	17.774	167	3528115	48.994	ng	99
74) Di-n-butylphthalate	18.298	149	4468687	48.337	ng	100
75) Fluoranthene	19.415	202	4315108	47.743	ng	99
77) Benzidine	19.615	184	1389276	53.475	ng	100
78) Pyrene	19.780	202	4462228	50.385	ng	100
80) Butylbenzylphthalate	20.651	149	1930217	49.003	ng	99
81) Benzo(a)anthracene	21.515	228	4067016	48.993	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	1139519	38.979	ng	99
83) Chrysene	21.574	228	3681759	47.318	ng	100
84) Bis(2-ethylhexyl)phtha...	21.398	149	2837957	48.566	ng	99
85) Di-n-octyl phthalate	22.327	149	4841994	49.226	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	3742410	53.651	ng	100
88) Benzo(b)fluoranthene	23.209	252	3847696	56.411	ng	99
89) Benzo(k)fluoranthene	23.256	252	3587862	53.231	ng	100
90) Benzo(a)pyrene	23.844	252	3139046	49.046	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	3167324	54.466	ng	99
92) Benzo(g,h,i)perylene	27.238	276	3022609	54.399	ng	99

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

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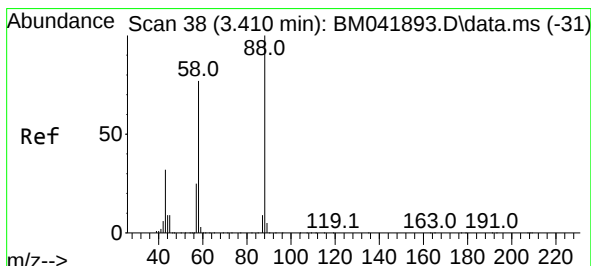
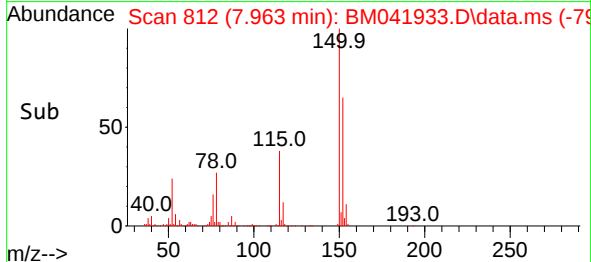
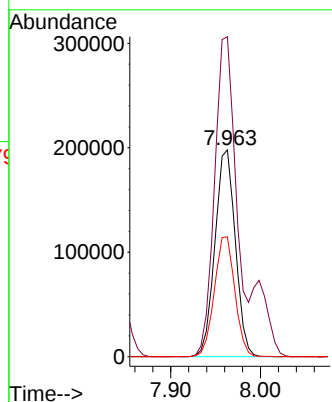
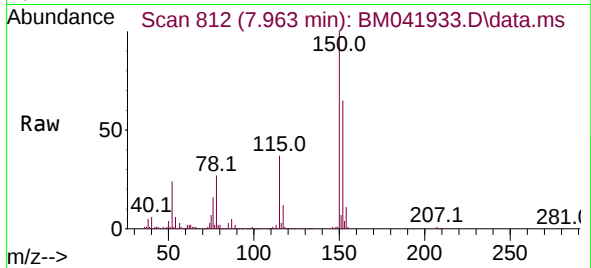




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM041933.D
 Acq: 20 Sep 2023 11:11

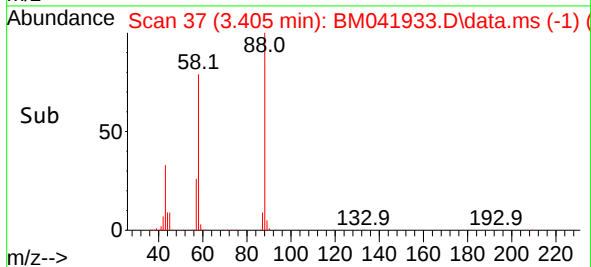
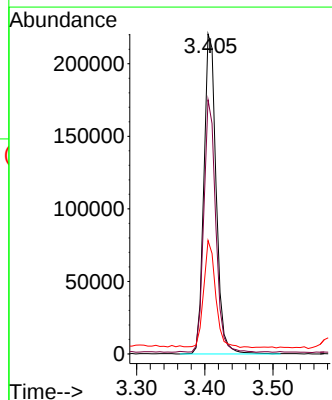
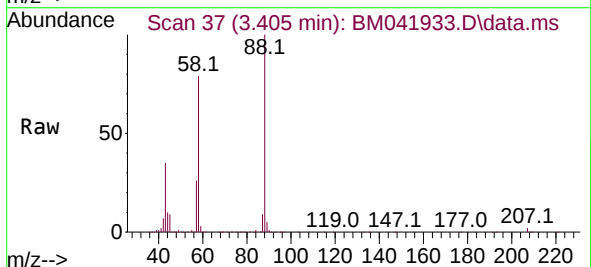
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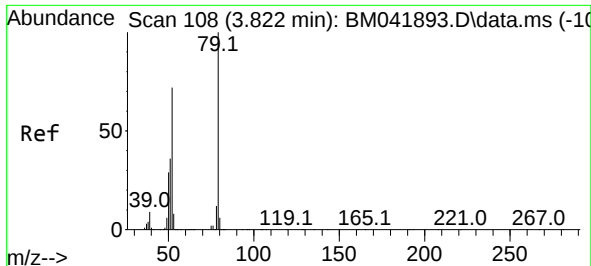
Tgt Ion:152 Resp: 312782
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.9 188.9
 115 57.9 46.8 70.2



#2
 1,4-Dioxane
 Concen: 36.122 ng
 RT: 3.405 min Scan# 37
 Delta R.T. -0.006 min
 Lab File: BM041933.D
 Acq: 20 Sep 2023 11:11

Tgt Ion: 88 Resp: 276679
 Ion Ratio Lower Upper
 88 100
 58 76.7 62.4 93.6
 43 32.4 25.8 38.6

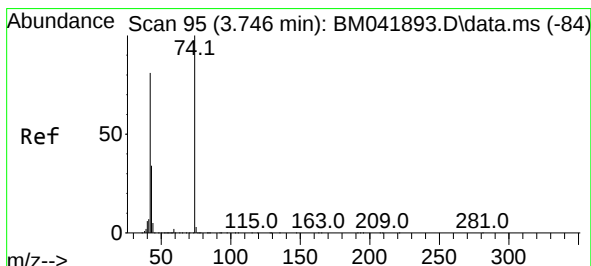
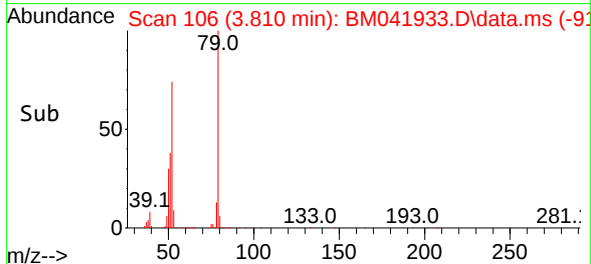
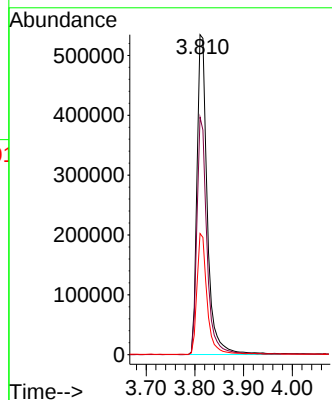
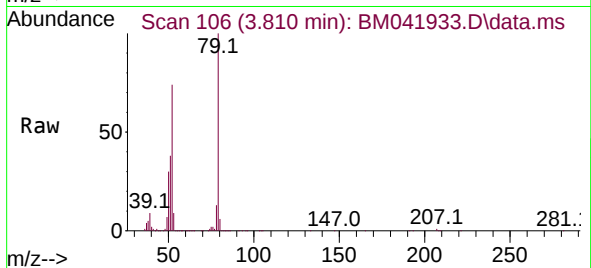




#3
Pyridine
Concen: 33.304 ng
RT: 3.810 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

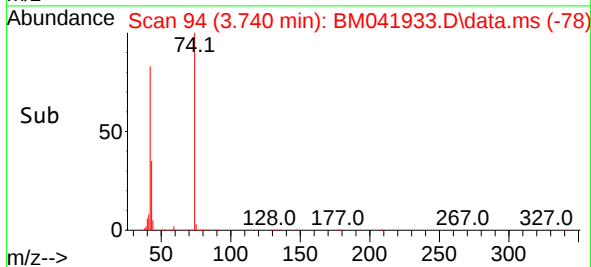
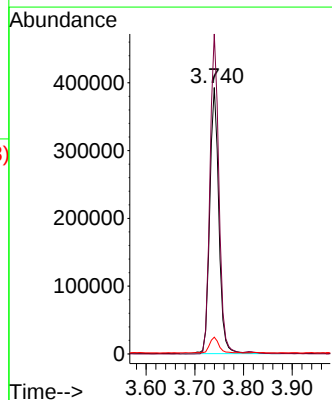
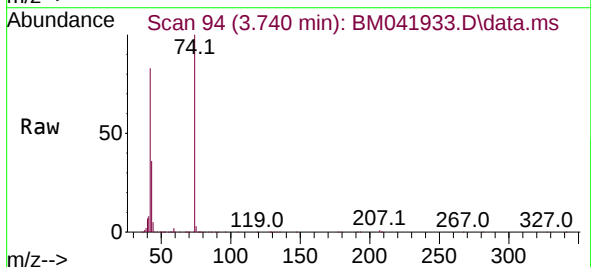
Instrument :
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ClientSampleId :
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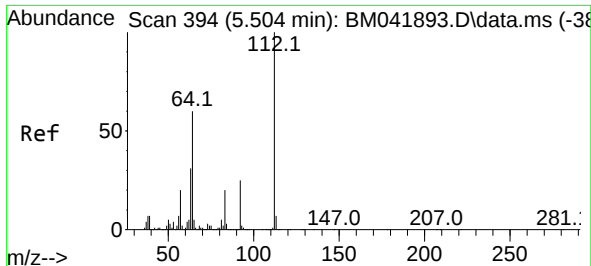
Tgt Ion: 79 Resp: 792442
Ion Ratio Lower Upper
79 100
52 74.2 57.2 85.8
51 37.8 28.9 43.3



#4
n-Nitrosodimethylamine
Concen: 44.770 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion: 42 Resp: 506360
Ion Ratio Lower Upper
42 100
74 120.1 98.8 148.2
44 6.3 5.1 7.7

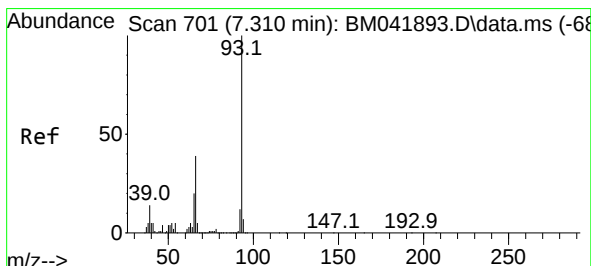
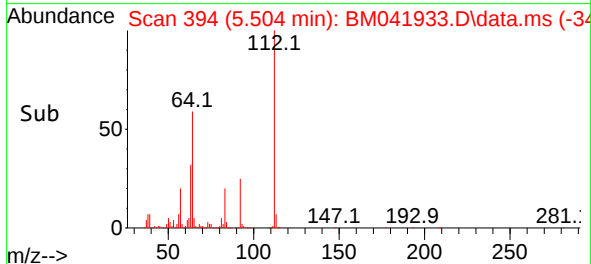
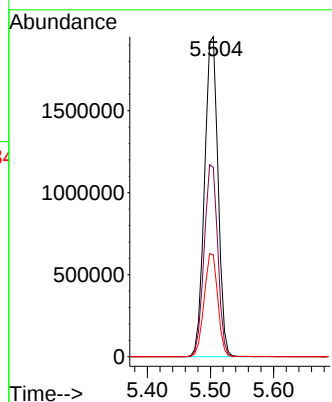
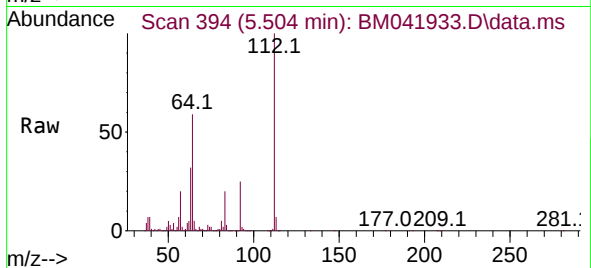




#5
2-Fluorophenol
Concen: 154.648 ng
RT: 5.504 min Scan# 394
Delta R.T. -0.000 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

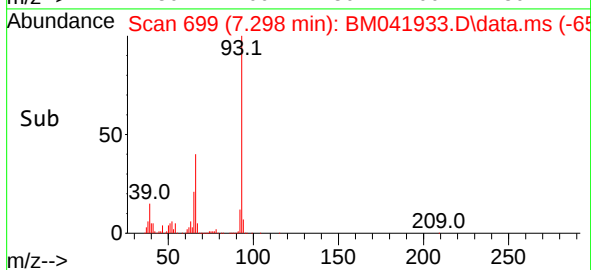
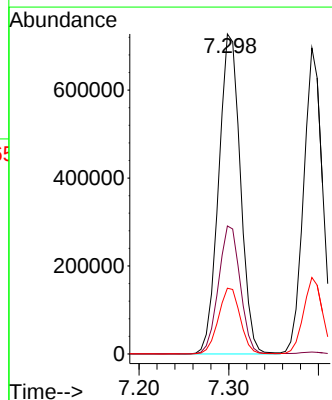
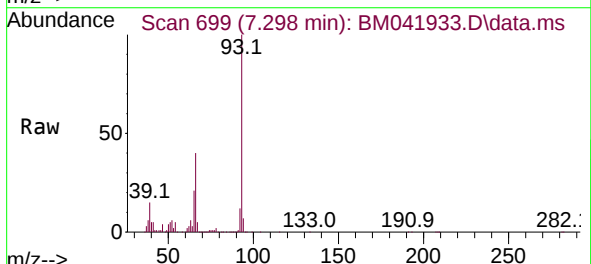
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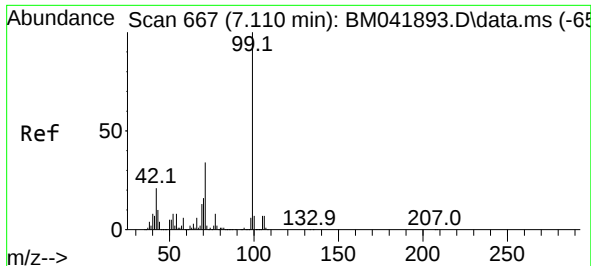
Tgt Ion:112 Resp: 2904115
Ion Ratio Lower Upper
112 100
64 59.1 48.1 72.1
63 31.8 25.0 37.6



#6
Aniline
Concen: 35.459 ng
RT: 7.298 min Scan# 699
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion: 93 Resp: 1224909
Ion Ratio Lower Upper
93 100
66 40.0 31.4 47.2
65 20.5 16.2 24.4



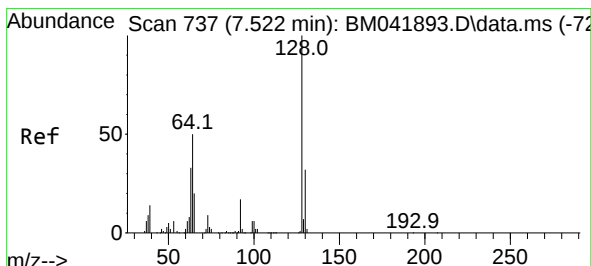
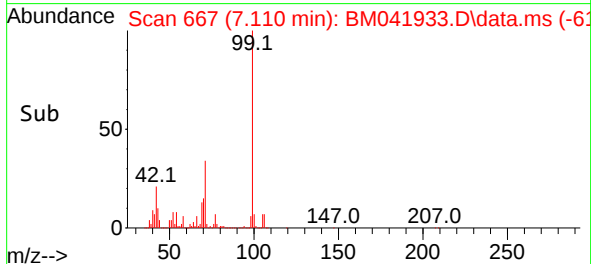
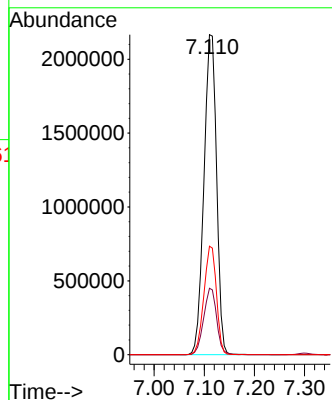
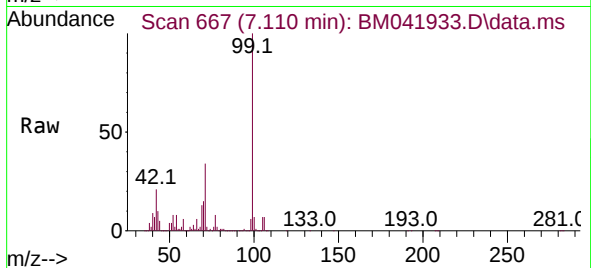


#7
Phenol-d6
Concen: 145.668 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Instrument :
BNA_M
ClientSampleId :
PB155666BS

Tgt Ion: 99 Resp: 3798132

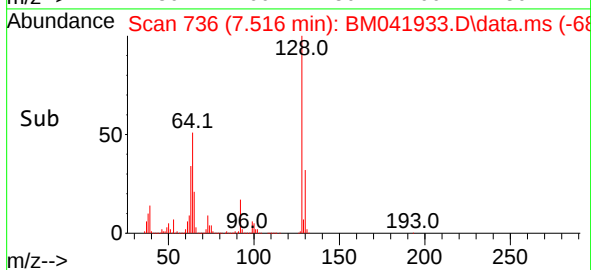
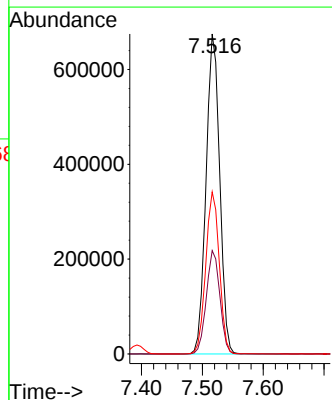
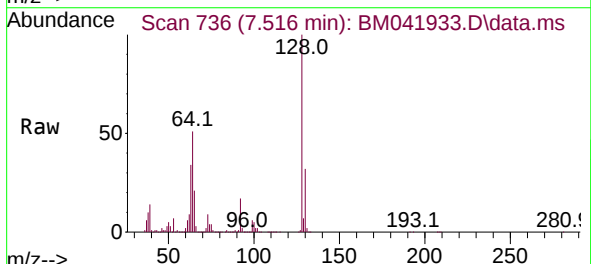
Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.6	25.0
71	33.9	26.8	40.2

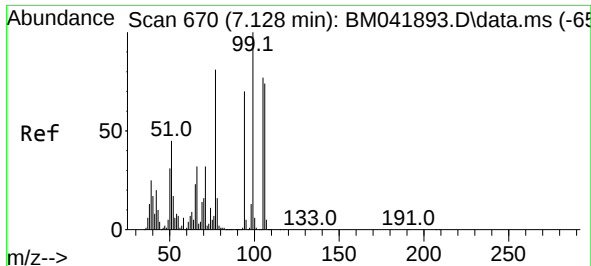


#8
2-Chlorophenol
Concen: 50.172 ng
RT: 7.516 min Scan# 736
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:128 Resp: 1048969

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.4	52.4
64	50.6	31.7	71.7

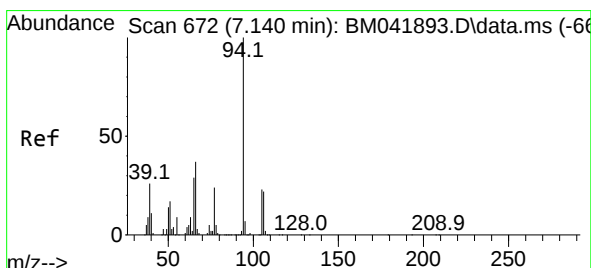
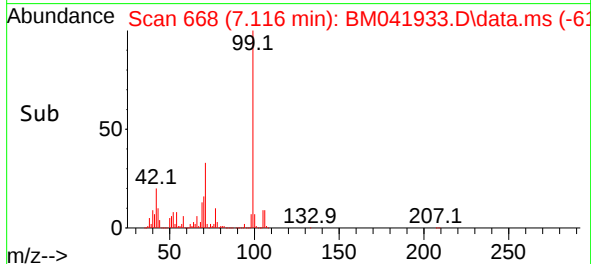
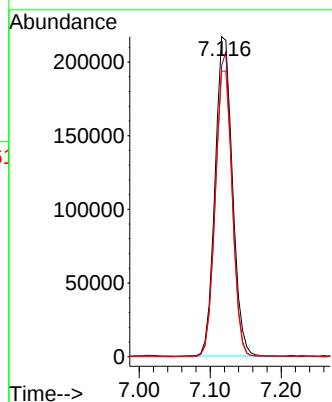
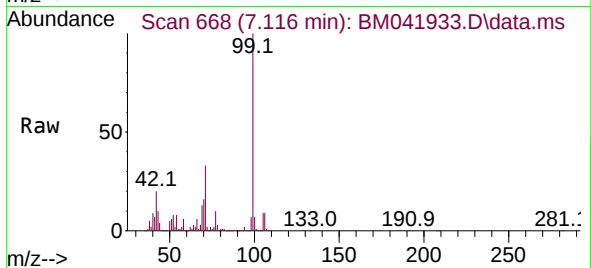




#9
Benzaldehyde
Concen: 24.999 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

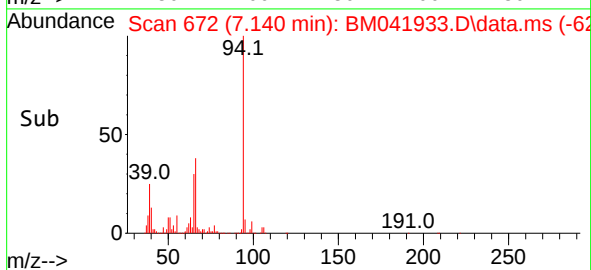
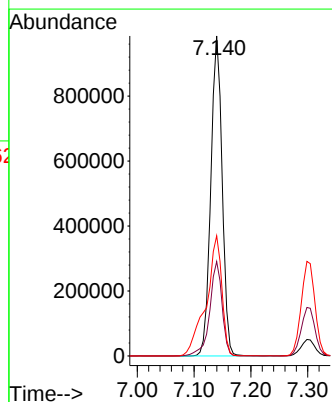
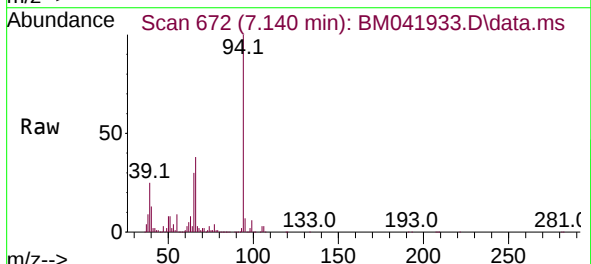
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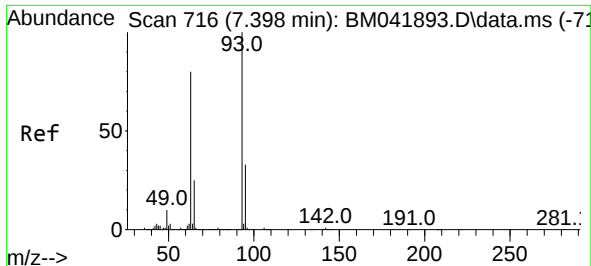
Tgt Ion: 77 Resp: 368498
Ion Ratio Lower Upper
77 100
105 91.0 75.1 115.1
106 89.2 71.6 111.6



#10
Phenol
Concen: 50.810 ng
RT: 7.140 min Scan# 672
Delta R.T. -0.000 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion: 94 Resp: 1359867
Ion Ratio Lower Upper
94 100
65 29.5 9.1 49.1
66 37.6 17.3 57.3



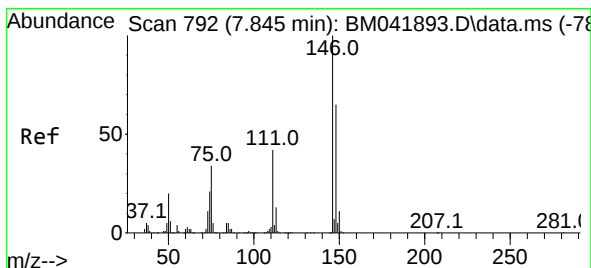
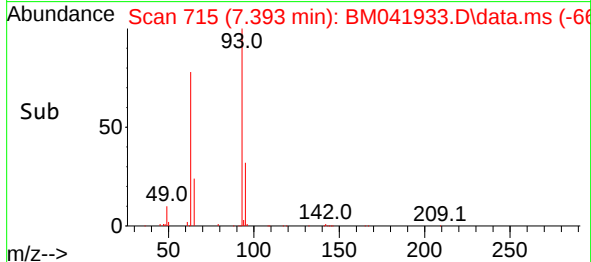
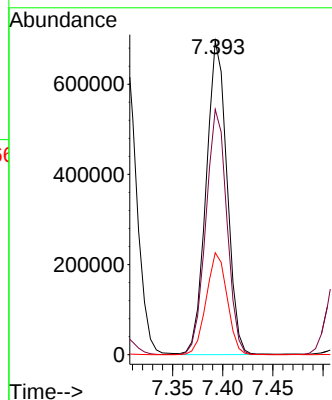
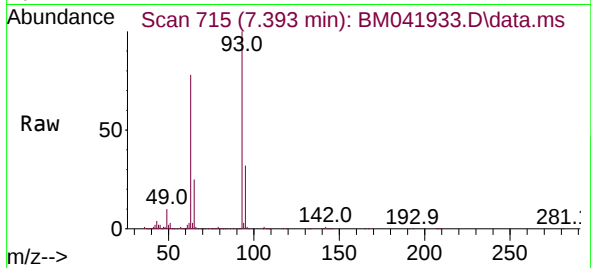


#11
bis(2-Chloroethyl)ether
Concen: 45.209 ng
RT: 7.393 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Instrument :
BNA_M
ClientSampleId :
PB155666BS

Tgt Ion: 93 Resp: 1009299

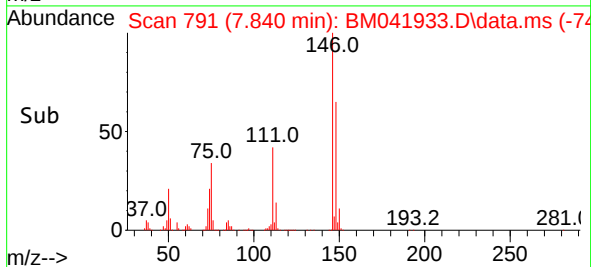
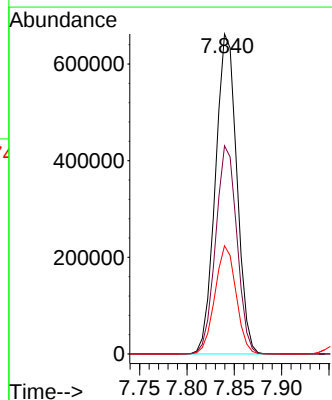
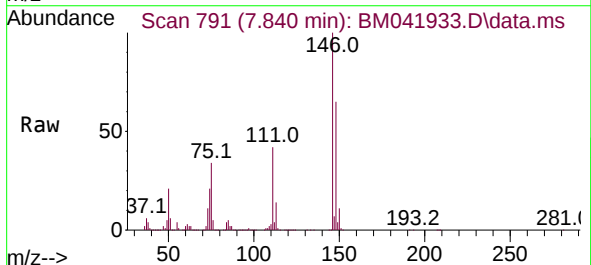
Ion	Ratio	Lower	Upper
93	100		
63	78.2	59.5	99.5
95	32.5	12.9	52.9

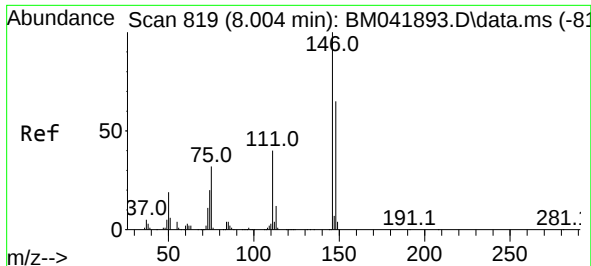


#12
1,3-Dichlorobenzene
Concen: 46.698 ng
RT: 7.840 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion: 146 Resp: 1042483

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
75	33.8	27.2	40.8

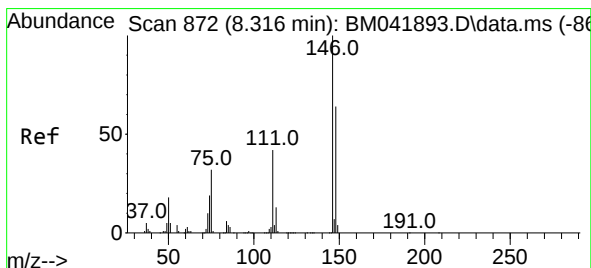
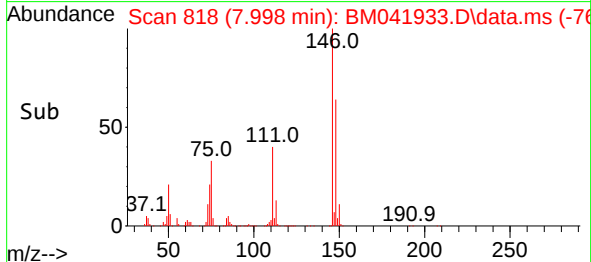
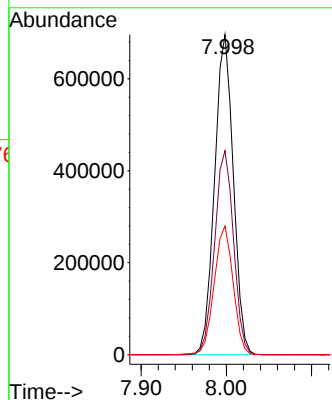
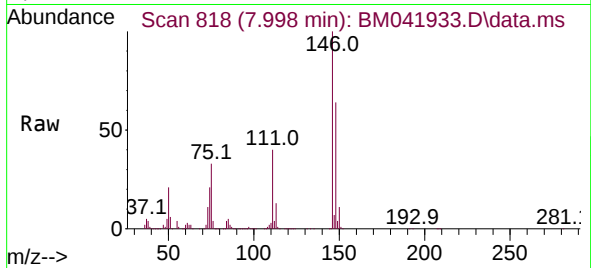




#13
1,4-Dichlorobenzene
Concen: 46.948 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

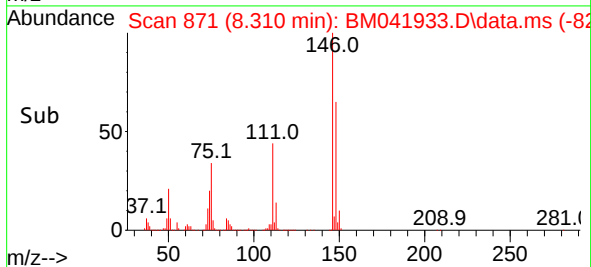
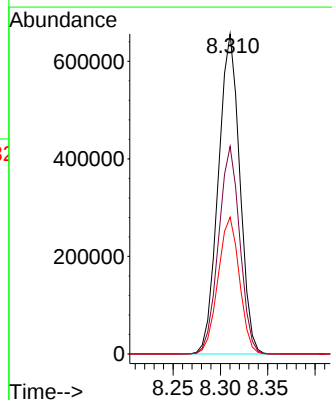
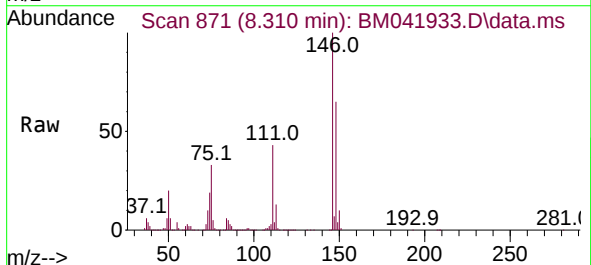
Instrument :
BNA_M
ClientSampleId :
PB155666BS

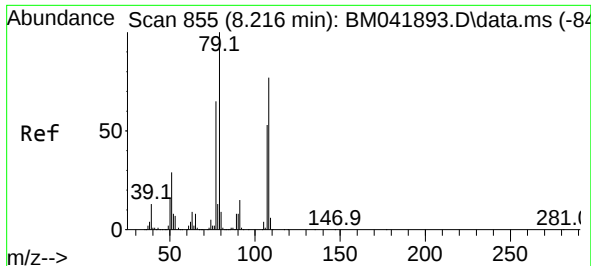
Tgt Ion:146 Resp: 1064928
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 40.2 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 47.417 ng
RT: 8.310 min Scan# 871
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:146 Resp: 1033862
Ion Ratio Lower Upper
146 100
148 64.9 51.5 77.3
111 42.7 34.0 51.0

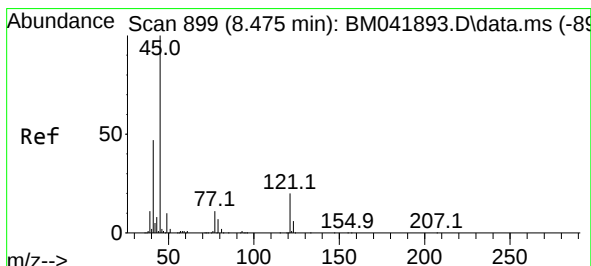
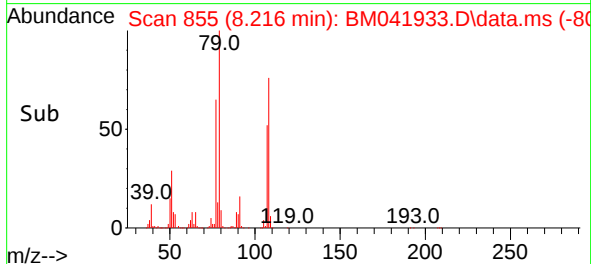
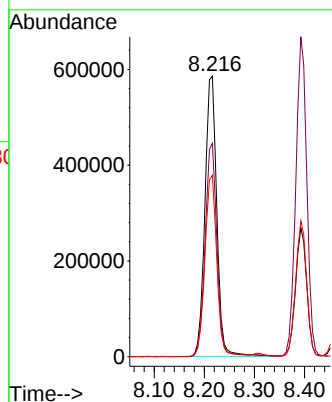
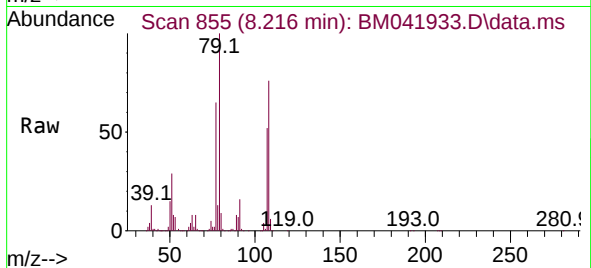




#15
Benzyl Alcohol
Concen: 47.081 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

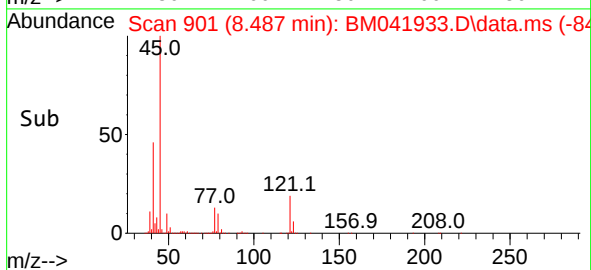
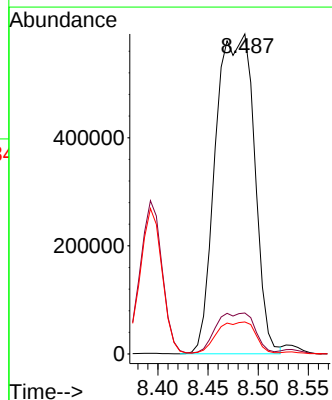
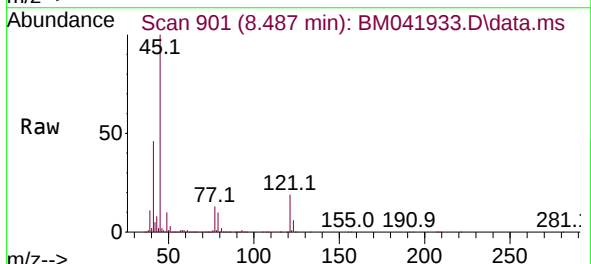
Instrument :
BNA_M
ClientSampleId :
PB155666BS

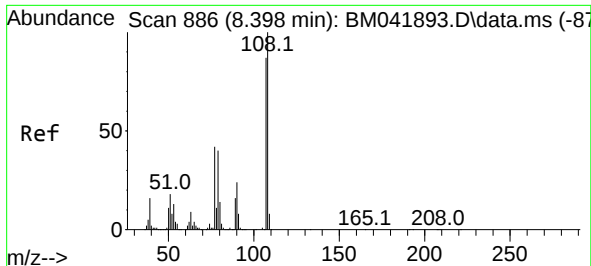
Tgt Ion: 79 Resp: 969159
Ion Ratio Lower Upper
79 100
108 76.0 61.4 92.0
77 64.6 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.298 ng
RT: 8.487 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion: 45 Resp: 1580749
Ion Ratio Lower Upper
45 100
77 12.8 0.0 33.4
79 10.0 0.0 29.6





#17

2-Methylphenol

Concen: 45.929 ng

RT: 8.392 min Scan# 886

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

Tgt Ion:107 Resp: 893842

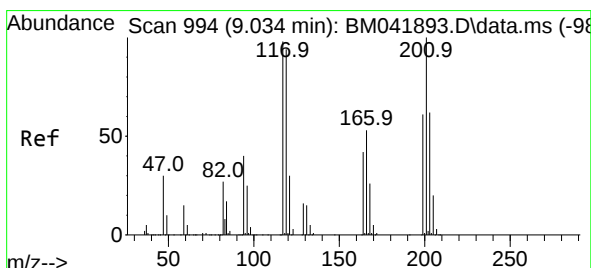
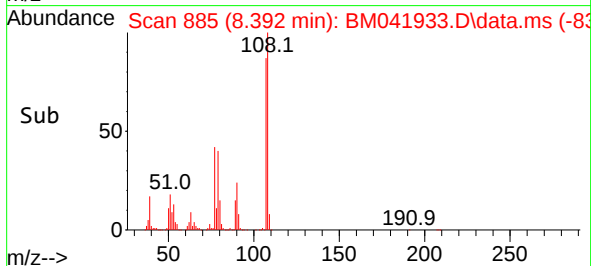
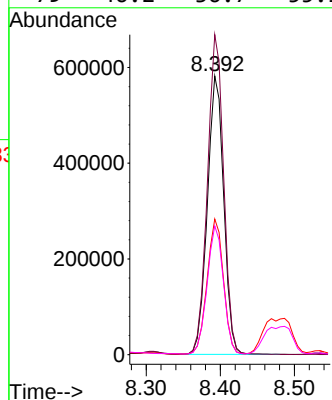
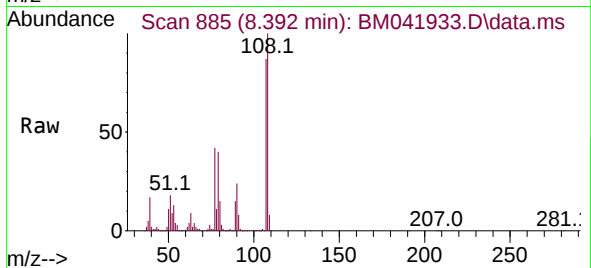
Ion Ratio Lower Upper

107 100

108 114.8 91.9 137.9

77 48.7 39.0 58.6

79 46.2 36.7 55.1



#18

Hexachloroethane

Concen: 46.030 ng

RT: 9.028 min Scan# 993

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

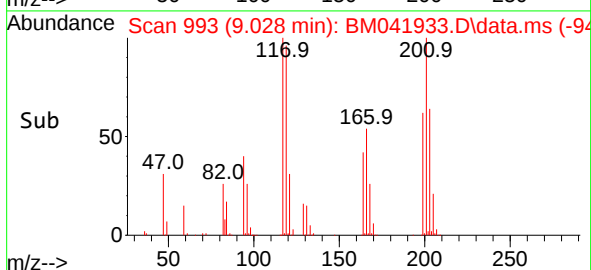
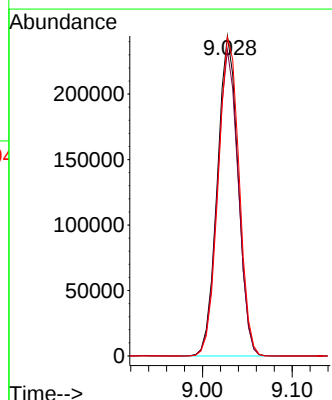
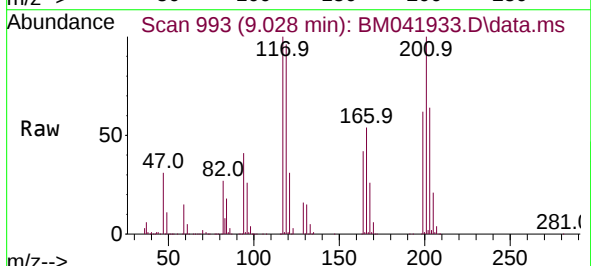
Tgt Ion:117 Resp: 392459

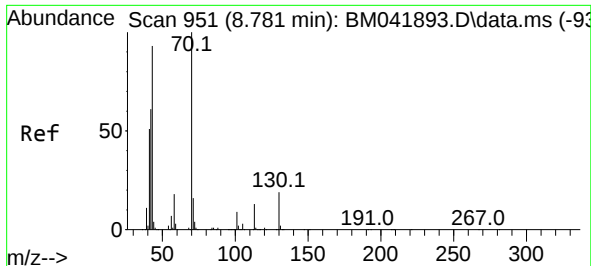
Ion Ratio Lower Upper

117 100

119 95.6 77.2 115.8

201 99.7 81.9 122.9

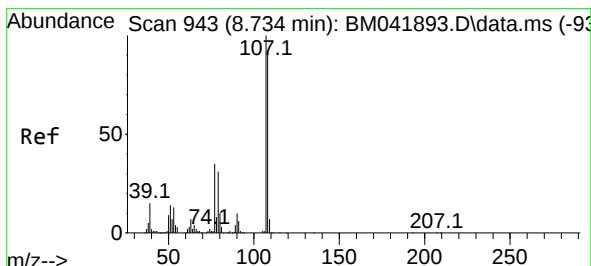
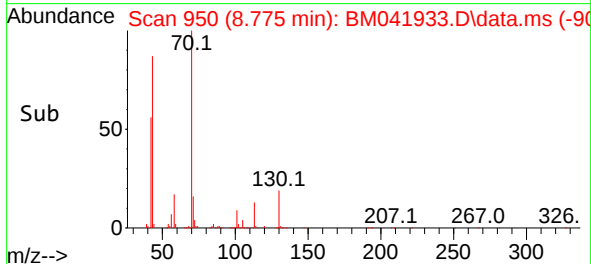
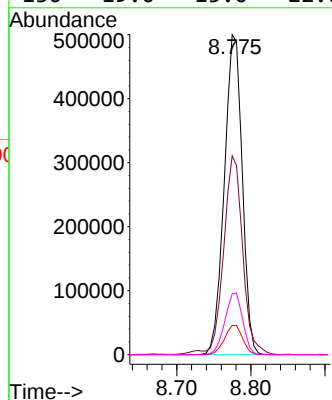
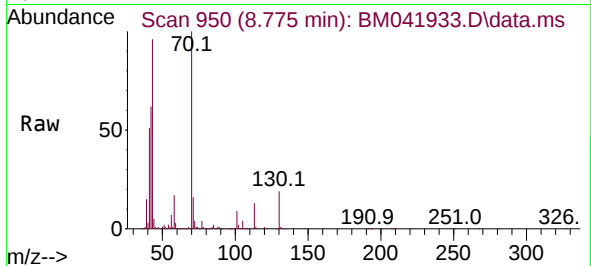




#19
n-Nitroso-di-n-propylamine
Concen: 43.405 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

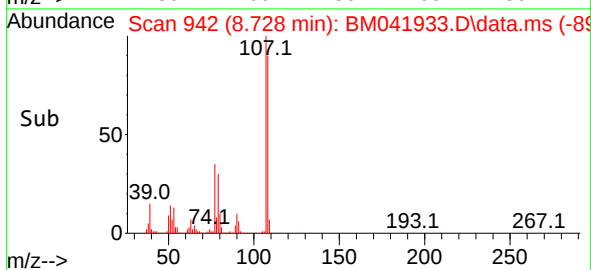
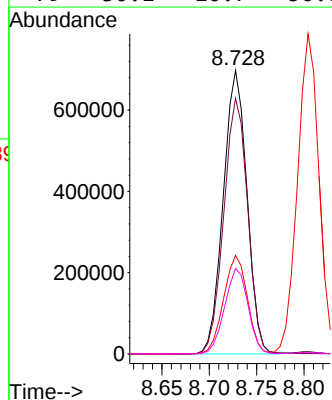
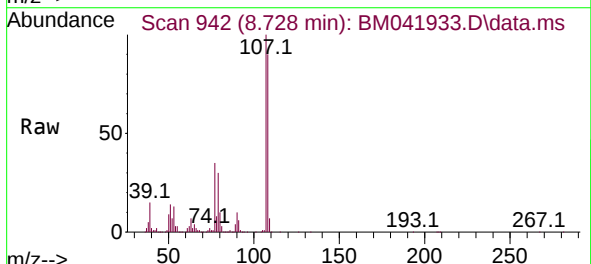
Instrument :
BNA_M
ClientSampleId :
PB155666BS

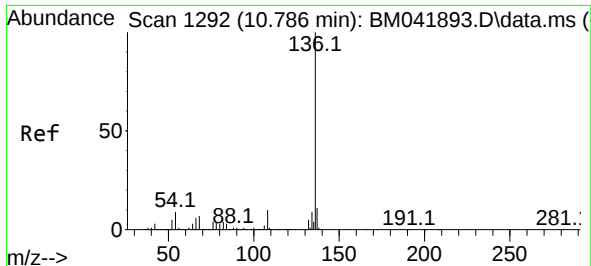
Tgt Ion: 70 Resp: 841286
Ion Ratio Lower Upper
70 100
42 62.2 49.2 73.8
101 9.1 7.0 10.6
130 19.0 15.0 22.6



#20
3+4-Methylphenols
Concen: 45.443 ng
RT: 8.728 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion: 107 Resp: 1213919
Ion Ratio Lower Upper
107 100
108 90.2 71.5 111.5
77 34.8 14.9 54.9
79 30.1 10.7 50.7

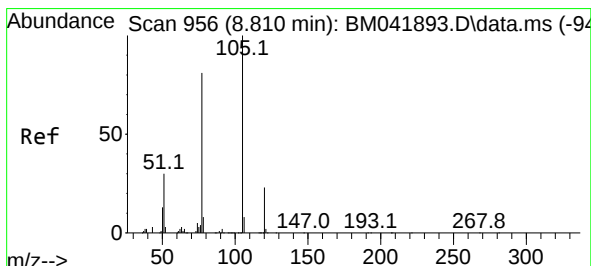
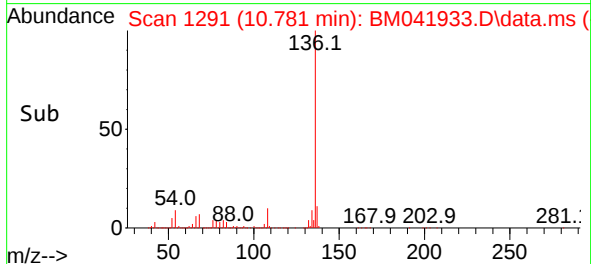
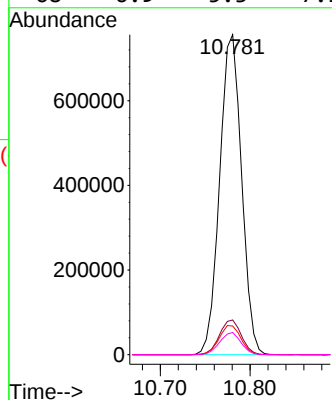
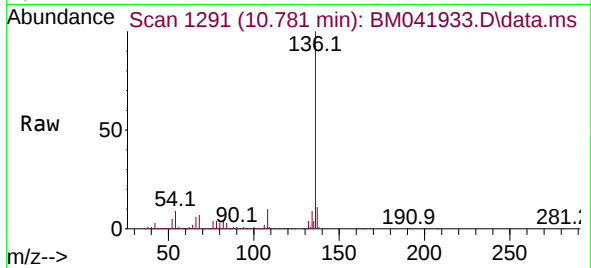




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

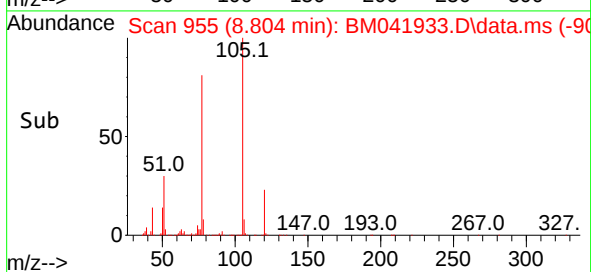
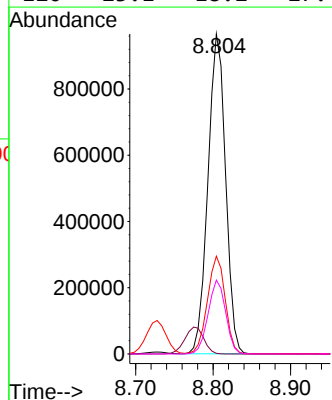
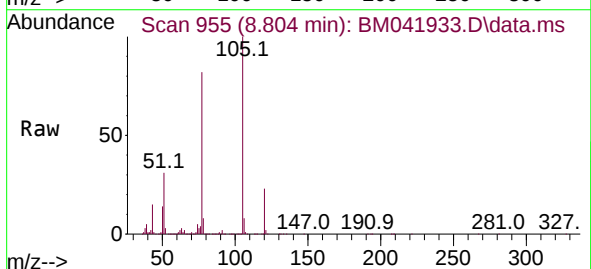
Instrument :
BNA_M
ClientSampleId :
PB155666BS

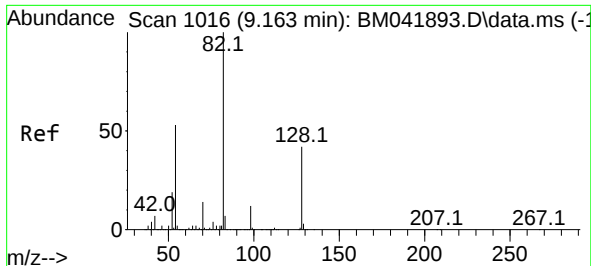
Tgt Ion:136 Resp: 1280053
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.0 10.4
68 6.9 5.3 7.9



#22
Acetophenone
Concen: 47.639 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:105 Resp: 1524413
Ion Ratio Lower Upper
105 100
71 0.2 0.2 0.2
51 30.6 24.3 36.5
120 23.1 18.2 27.4





#23

Nitrobenzene-d5

Concen: 94.196 ng

RT: 9.157 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

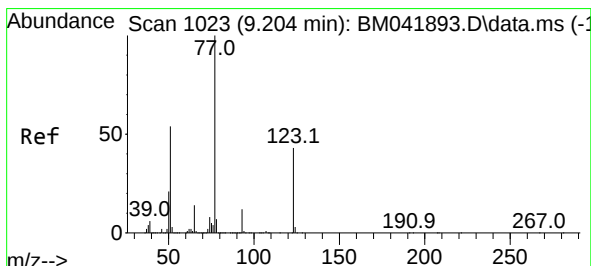
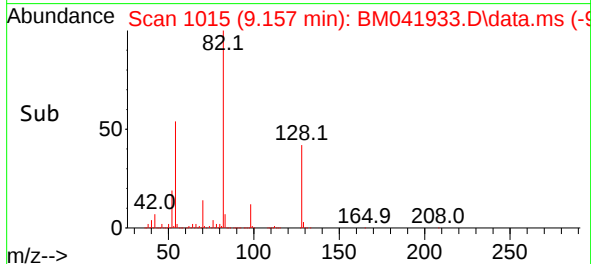
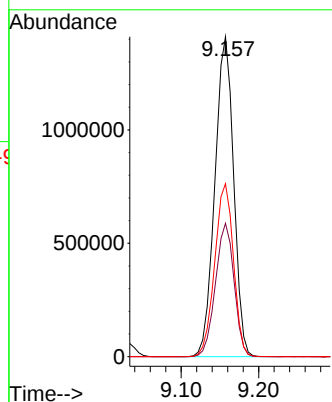
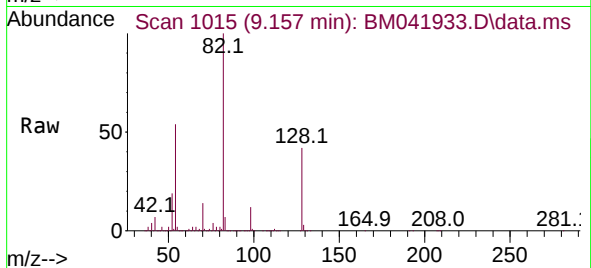
BNA_M

ClientSampleId :

PB155666BS

Tgt Ion: 82 Resp: 2368164

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.8	50.6
54	54.1	42.8	64.2



#24

Nitrobenzene

Concen: 47.605 ng

RT: 9.198 min Scan# 1022

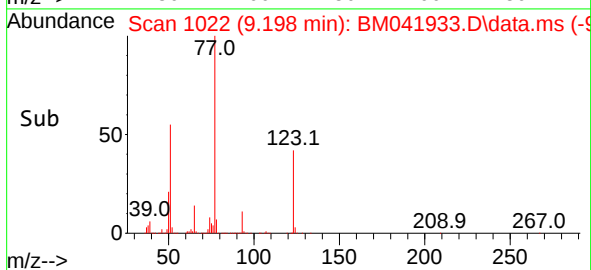
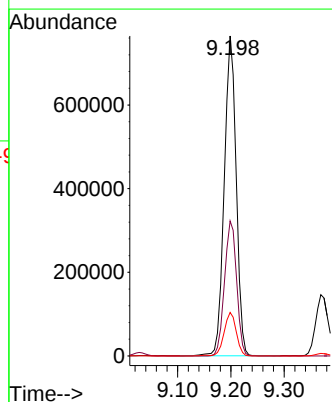
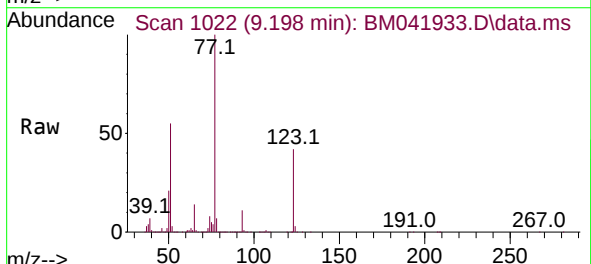
Delta R.T. -0.006 min

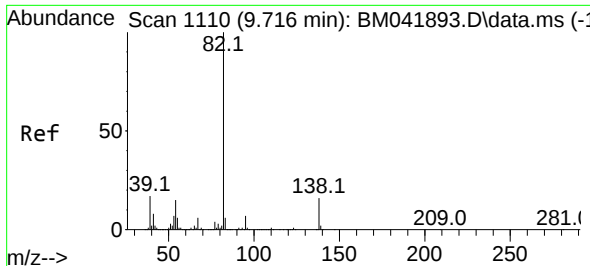
Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Tgt Ion: 77 Resp: 1187940

Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.6	52.0
65	13.6	11.1	16.7

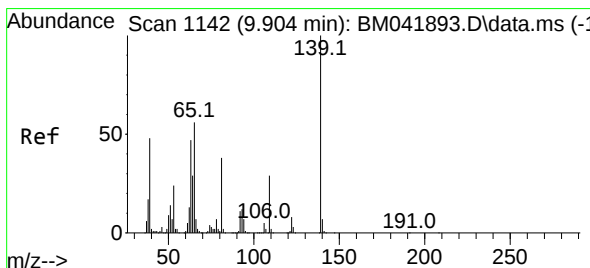
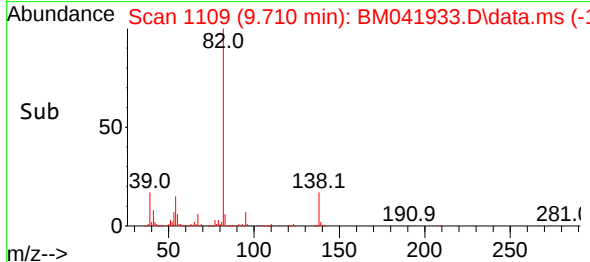
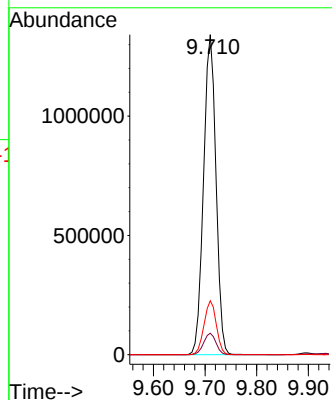
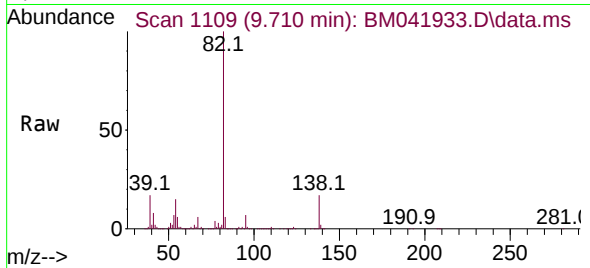




#25
Isophorone
Concen: 45.044 ng
RT: 9.710 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

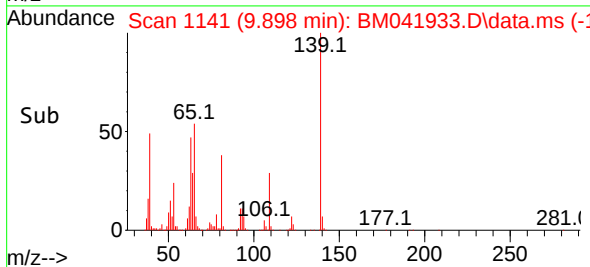
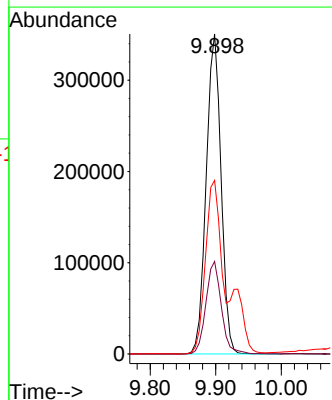
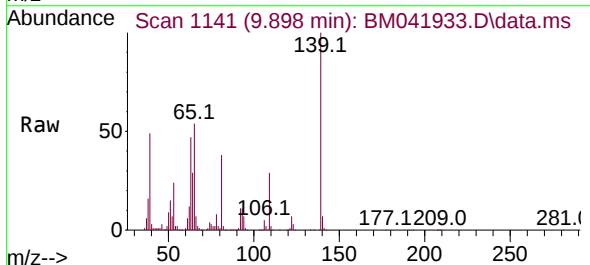
Instrument :
BNA_M
ClientSampleId :
PB155666BS

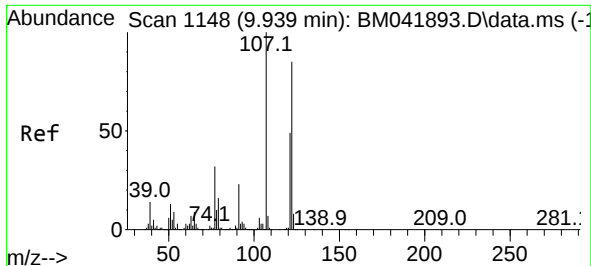
Tgt Ion: 82 Resp: 2235132
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.8 13.1 19.7



#26
2-Nitrophenol
Concen: 49.175 ng
RT: 9.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:139 Resp: 552696
Ion Ratio Lower Upper
139 100
109 28.9 23.0 34.4
65 54.3 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 50.850 ng

RT: 9.934 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

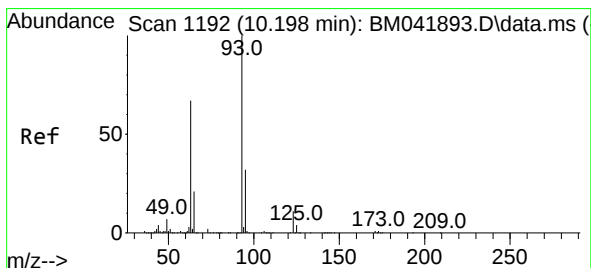
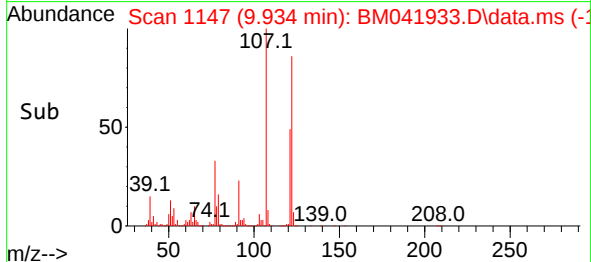
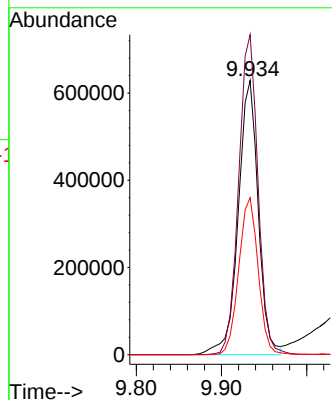
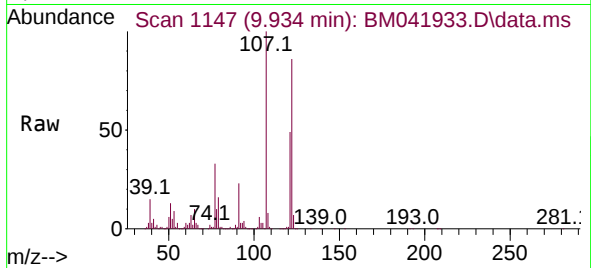
Tgt Ion:122 Resp: 1027842

Ion Ratio Lower Upper

122 100

107 116.7 93.8 140.6

121 57.2 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 47.263 ng

RT: 10.192 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

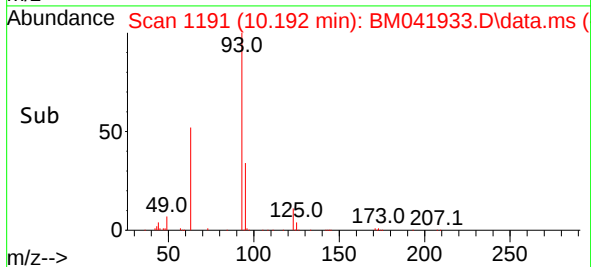
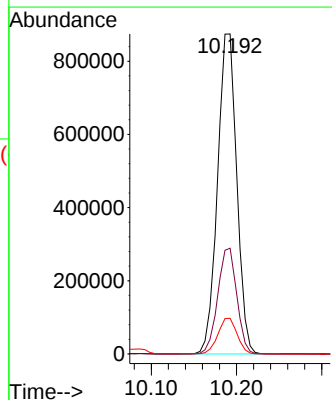
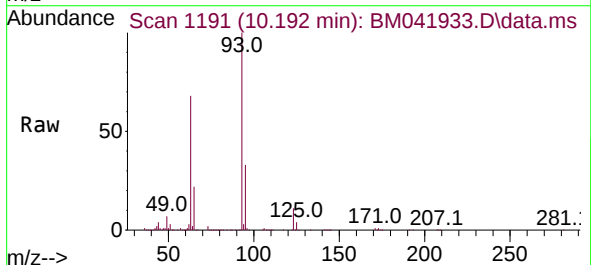
Tgt Ion: 93 Resp: 1370696

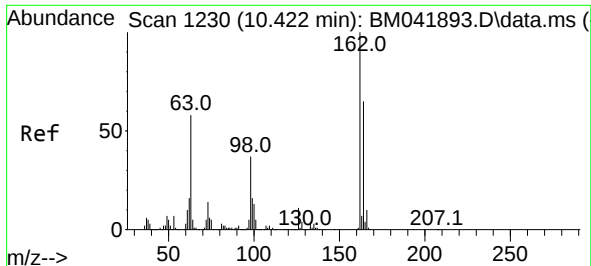
Ion Ratio Lower Upper

93 100

95 33.1 25.9 38.9

123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 51.090 ng

RT: 10.416 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

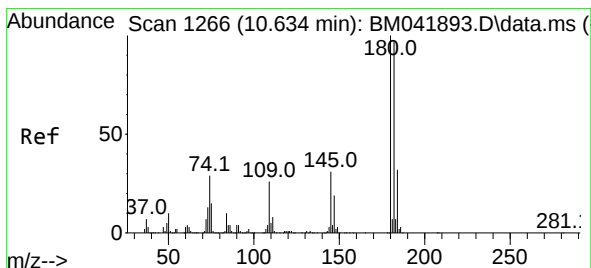
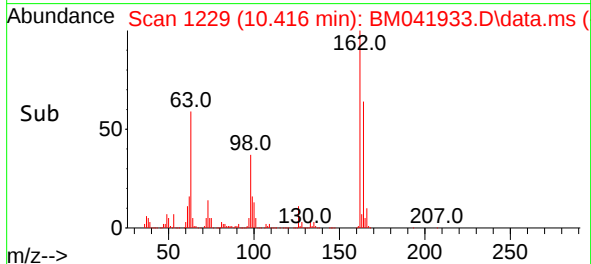
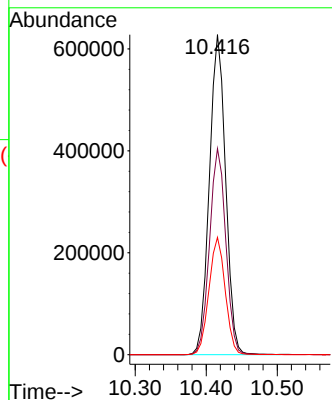
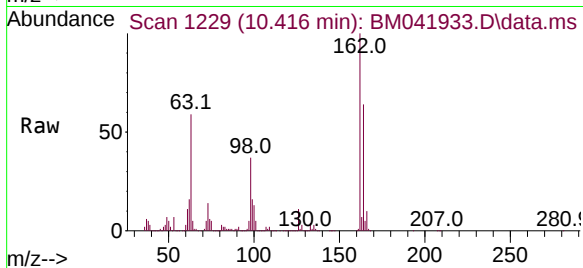
Tgt Ion:162 Resp: 999399

Ion Ratio Lower Upper

162 100

164 64.4 45.2 85.2

98 36.7 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 49.105 ng

RT: 10.628 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

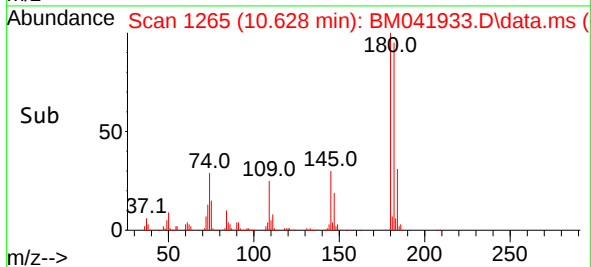
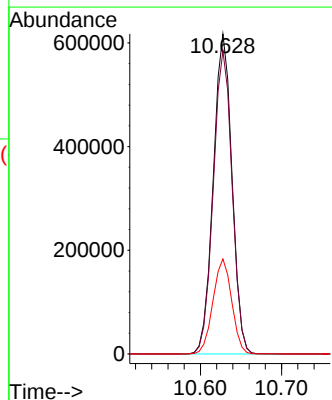
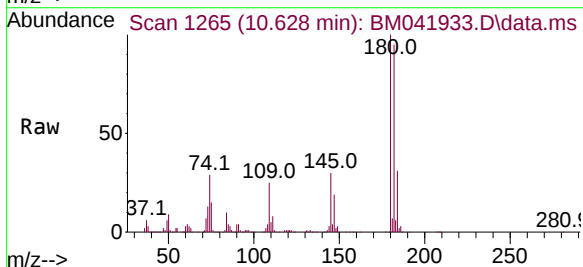
Tgt Ion:180 Resp: 986197

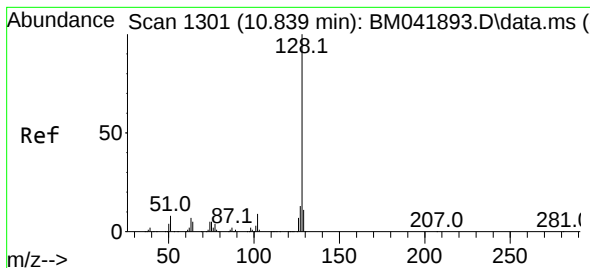
Ion Ratio Lower Upper

180 100

182 94.7 77.7 116.5

145 29.7 24.6 37.0

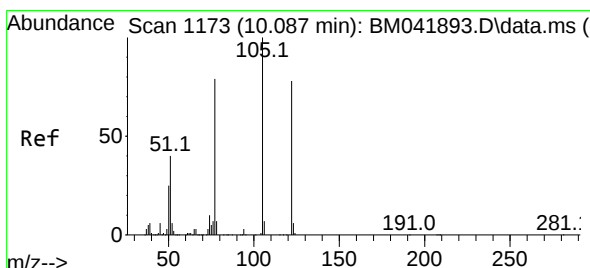
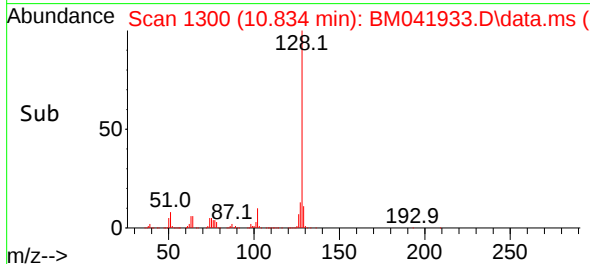
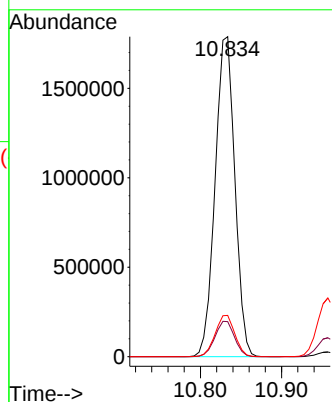
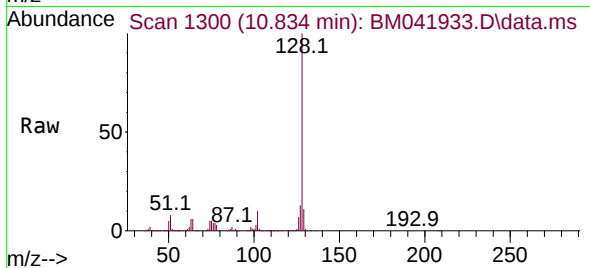




#31
Naphthalene
Concen: 46.931 ng
RT: 10.834 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

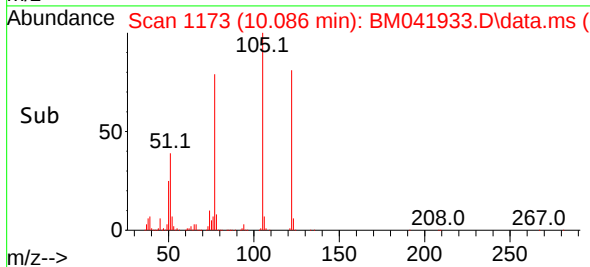
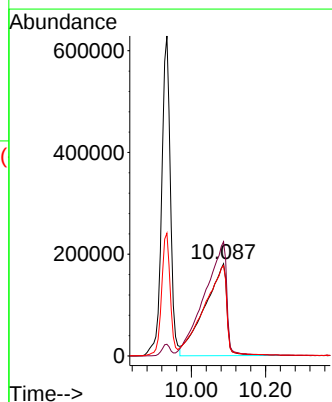
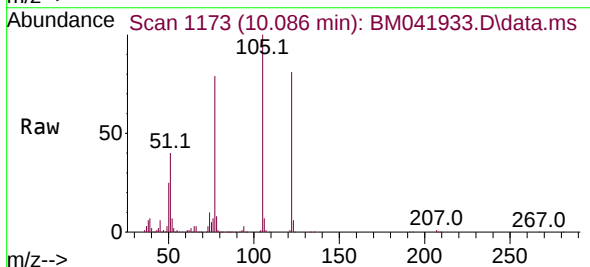
Instrument :
BNA_M
ClientSampleId :
PB155666BS

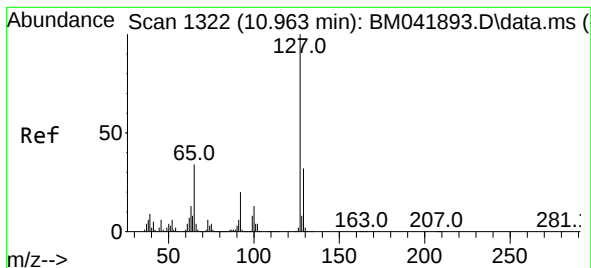
Tgt Ion:128 Resp: 3024383
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 46.940 ng
RT: 10.086 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:122 Resp: 747576
Ion Ratio Lower Upper
122 100
105 124.1 103.7 143.7
77 98.1 79.3 119.3

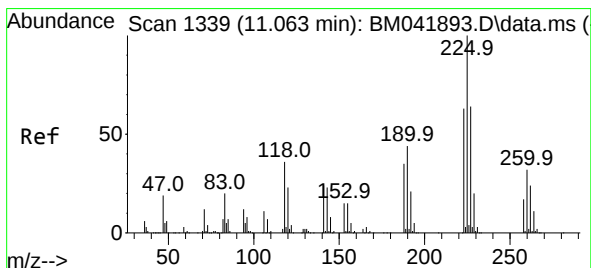
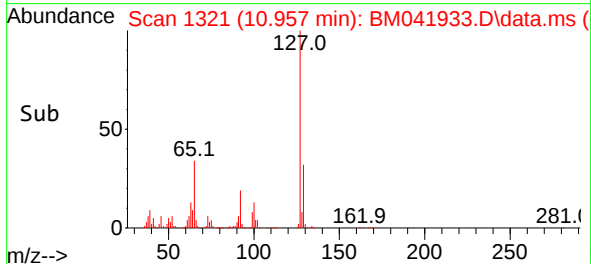
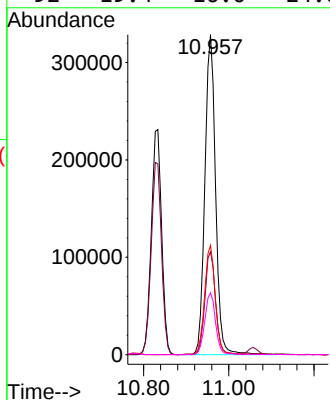
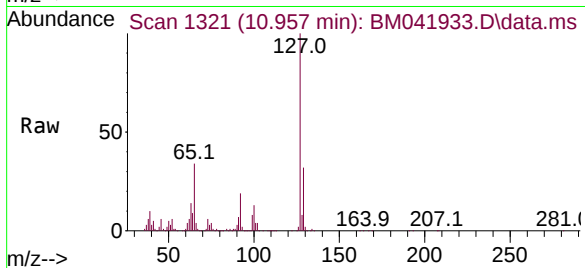




#33
4-Chloroaniline
Concen: 19.883 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

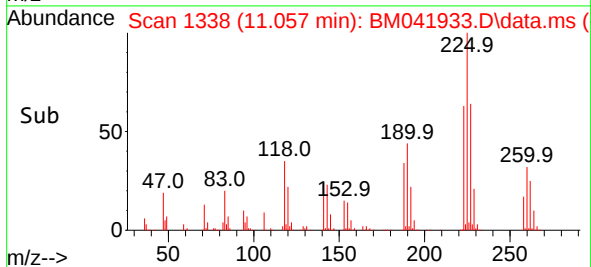
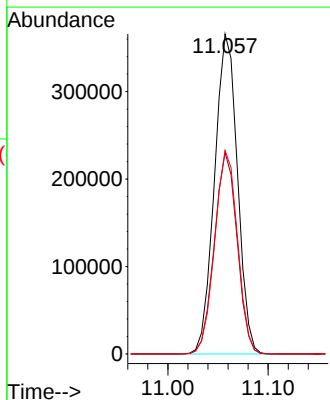
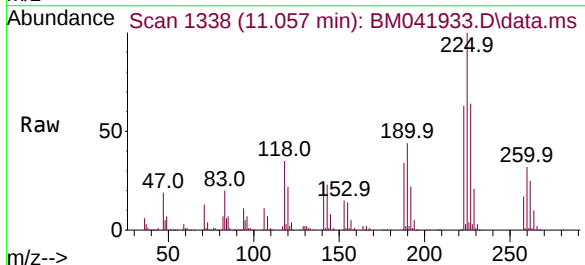
Instrument :
BNA_M
ClientSampleId :
PB155666BS

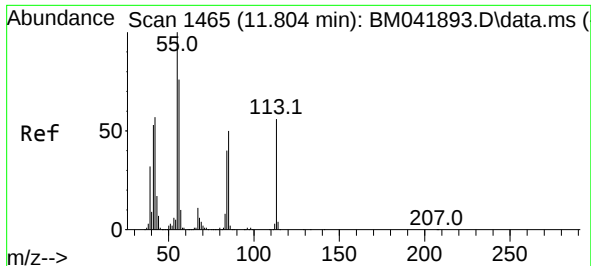
Tgt Ion:	127	Resp:	573500
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	34.2	27.3	40.9
92	19.4	16.0	24.0



#34
Hexachlorobutadiene
Concen: 47.248 ng
RT: 11.057 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:	225	Resp:	579597
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	63.6	51.4	77.0

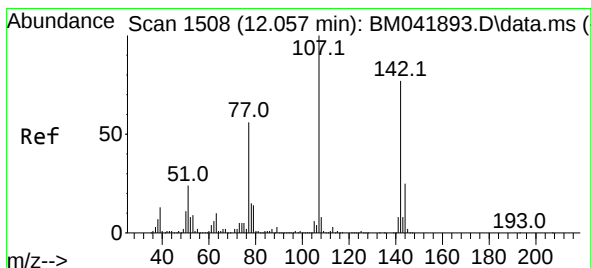
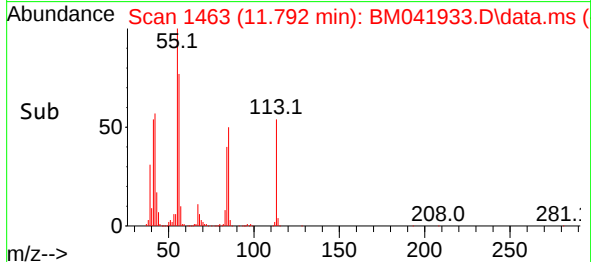
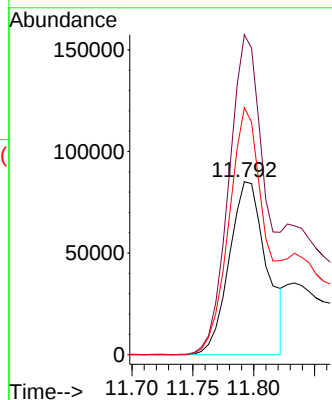
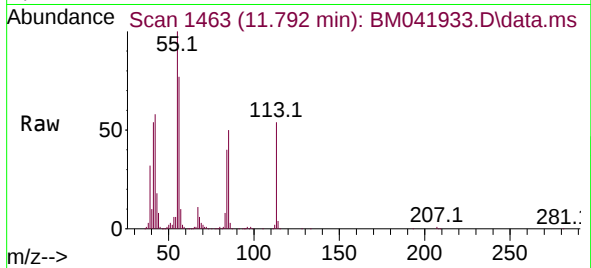




#35
Caprolactam
Concen: 25.945 ng
RT: 11.792 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

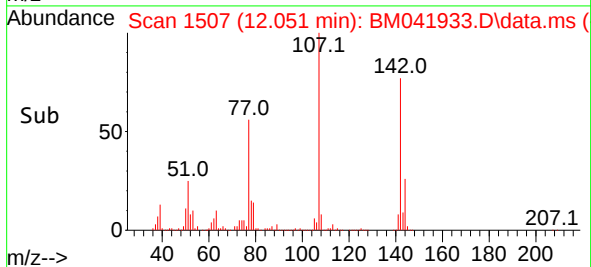
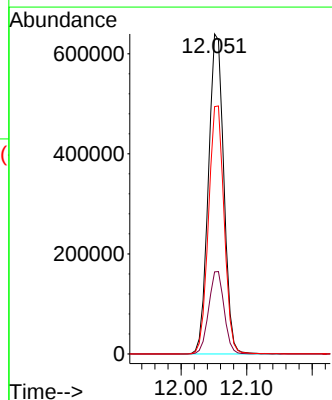
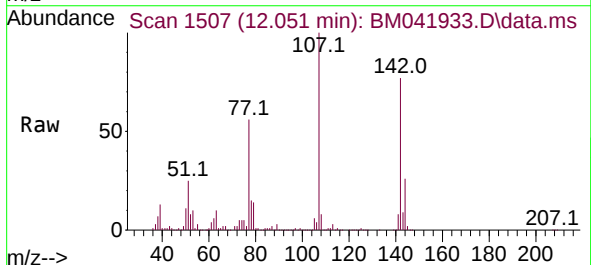
Instrument :
BNA_M
ClientSampleId :
PB155666BS

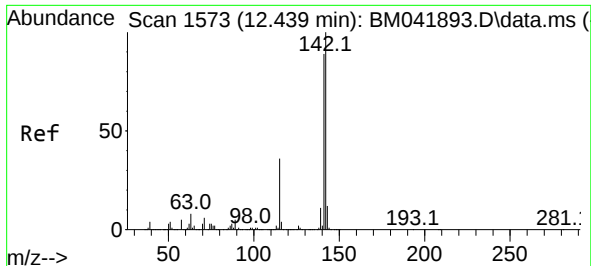
Tgt Ion:113 Resp: 181390
Ion Ratio Lower Upper
113 100
55 185.0 158.5 198.5
56 142.8 115.8 155.8



#36
4-Chloro-3-methylphenol
Concen: 47.989 ng
RT: 12.051 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:107 Resp: 1046161
Ion Ratio Lower Upper
107 100
144 25.6 20.2 30.2
142 77.3 61.7 92.5

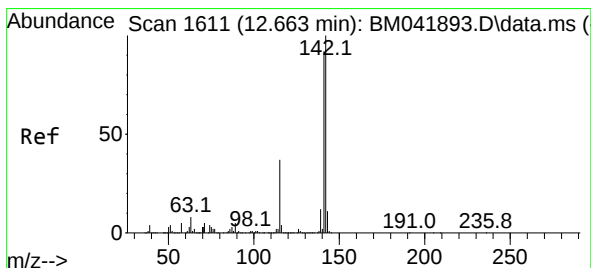
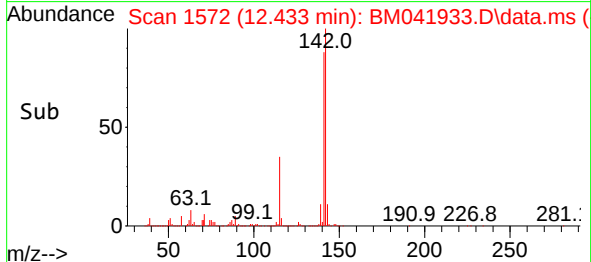
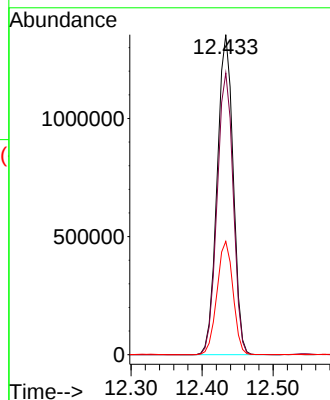
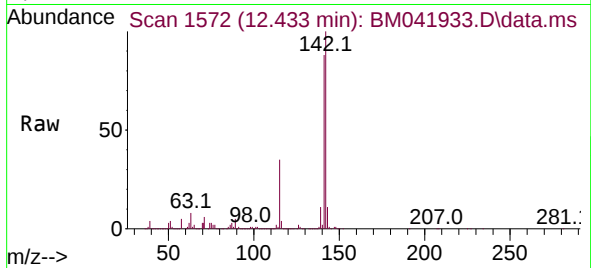




#37
2-Methylnaphthalene
Concen: 44.699 ng
RT: 12.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

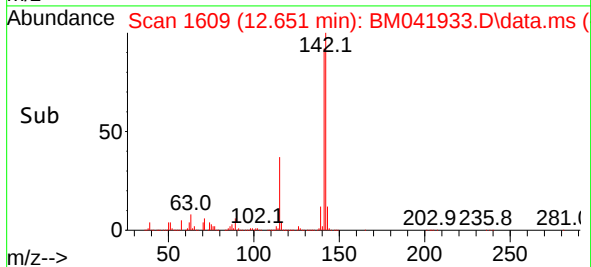
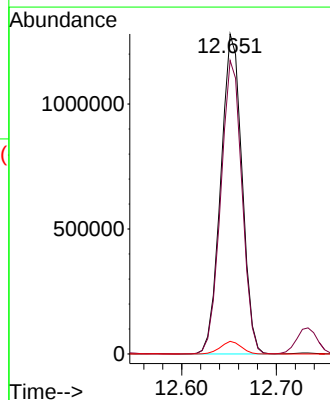
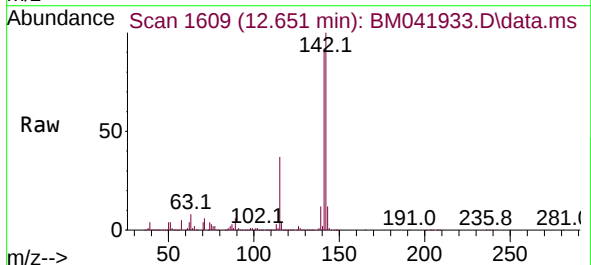
Instrument :
BNA_M
ClientSampleId :
PB155666BS

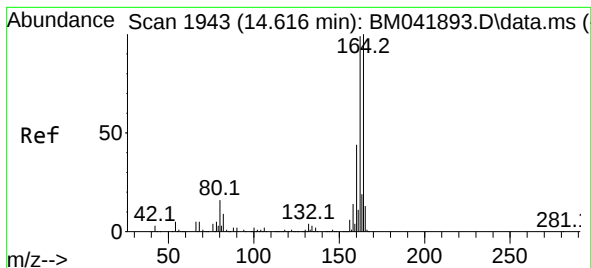
Tgt Ion:142 Resp: 2117909
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3
115 35.4 28.5 42.7



#38
1-Methylnaphthalene
Concen: 44.724 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:142 Resp: 1990223
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

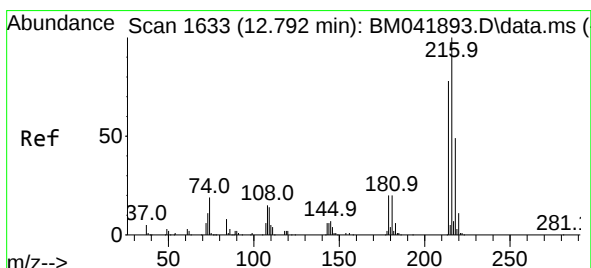
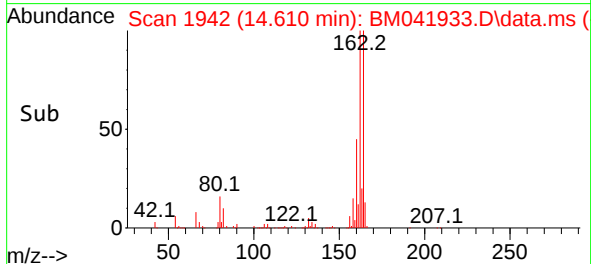
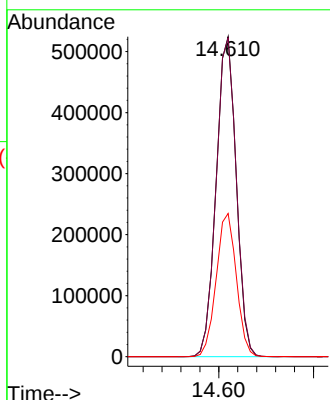
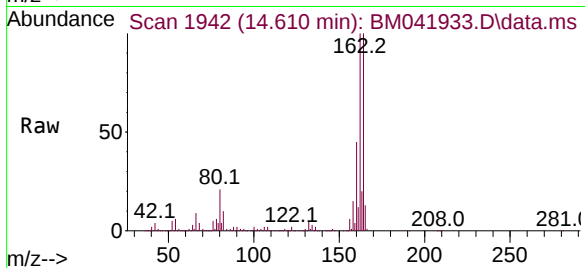
Tgt Ion:164 Resp: 769507

Ion Ratio Lower Upper

164 100

162 99.6 79.3 118.9

160 44.7 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.688 ng

RT: 12.786 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Tgt Ion:216 Resp: 1086545

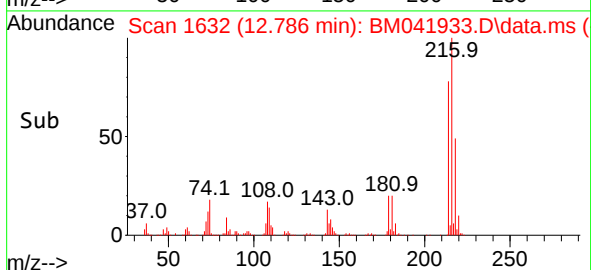
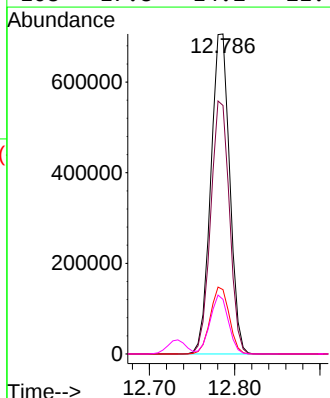
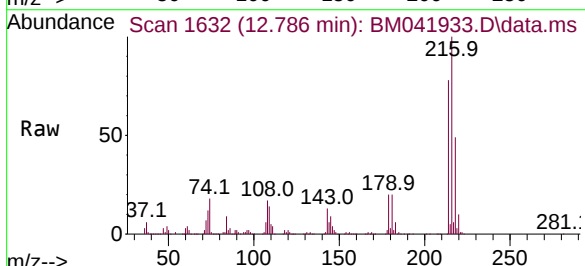
Ion Ratio Lower Upper

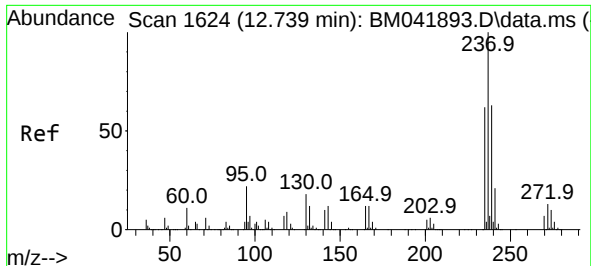
216 100

214 78.4 62.6 93.8

179 20.9 16.3 24.5

108 17.8 14.2 21.4

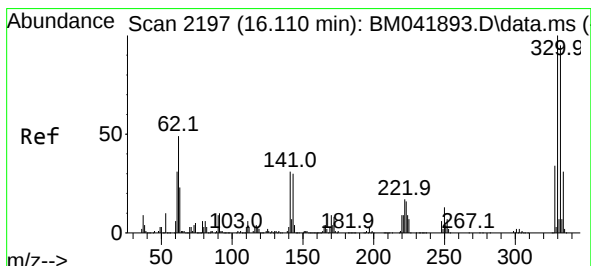
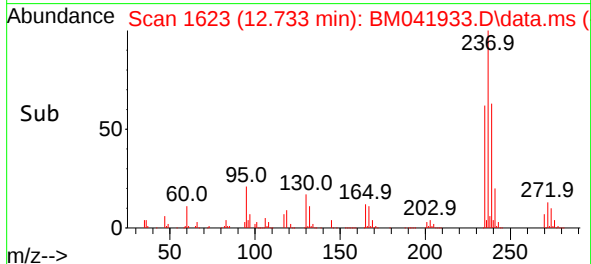
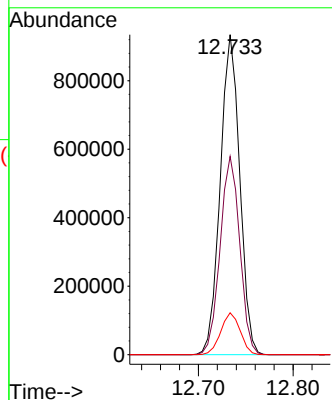
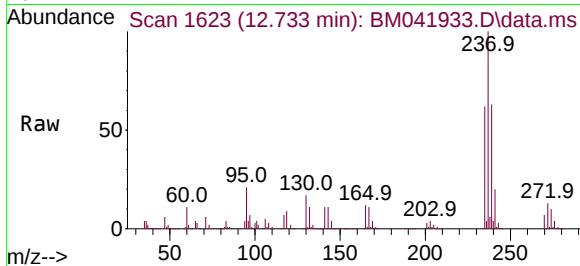




#41
Hexachlorocyclopentadiene
Concen: 106.535 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

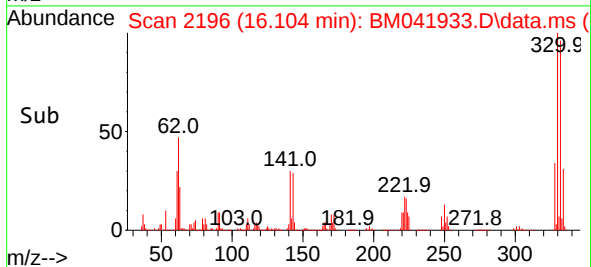
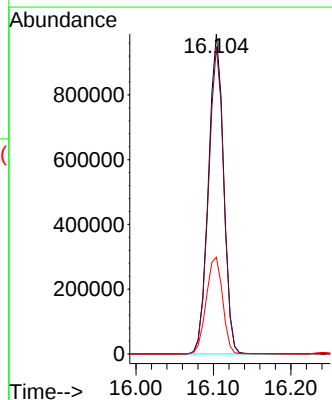
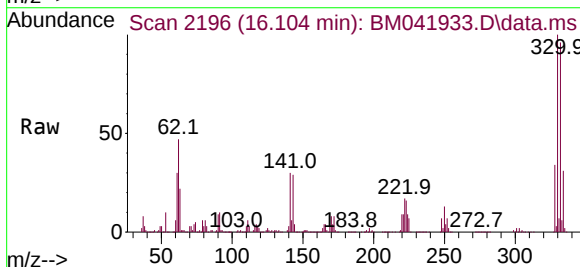
Instrument :
BNA_M
ClientSampleId :
PB155666BS

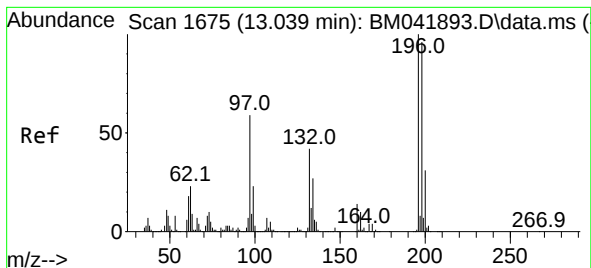
Tgt Ion:237 Resp: 1336830
Ion Ratio Lower Upper
237 100
235 62.0 42.0 82.0
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 139.872 ng
RT: 16.104 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:330 Resp: 1342932
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.6
141 32.7 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 50.380 ng

RT: 13.033 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

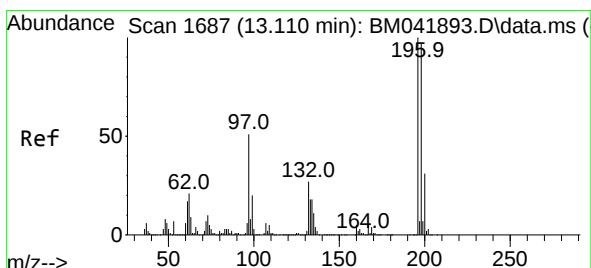
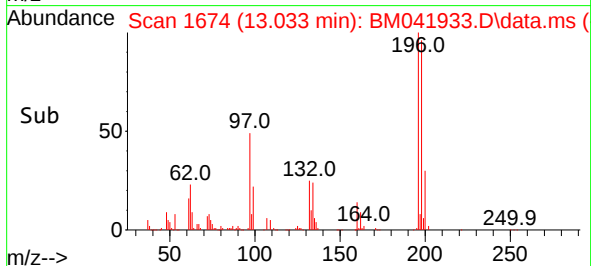
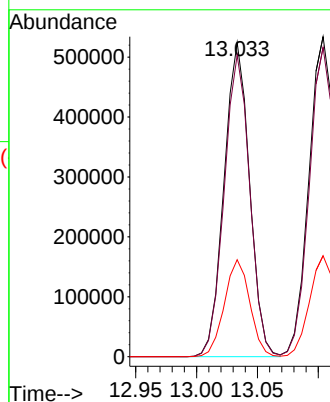
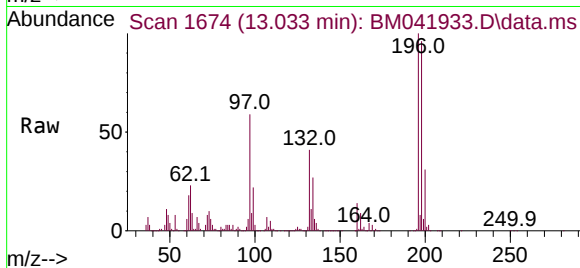
Tgt Ion:196 Resp: 765135

Ion Ratio Lower Upper

196 100

198 95.9 76.9 115.3

200 30.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 46.036 ng

RT: 13.104 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Tgt Ion:196 Resp: 818250

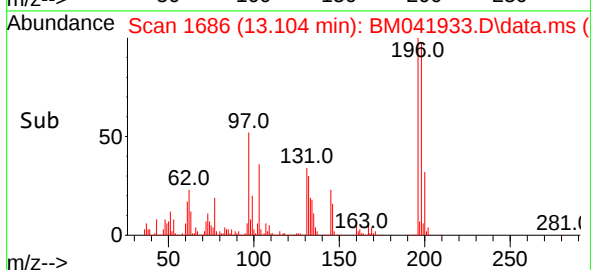
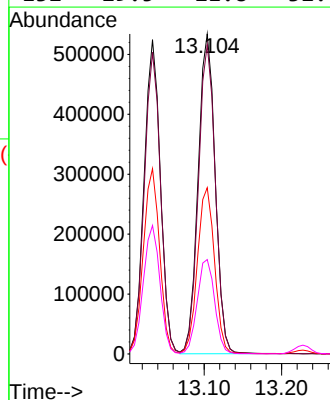
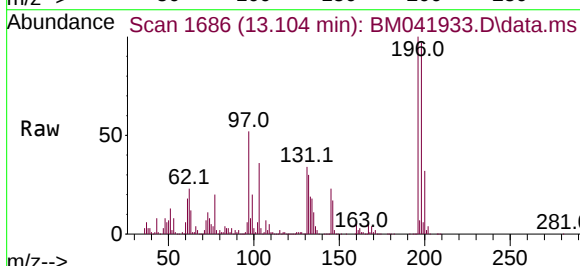
Ion Ratio Lower Upper

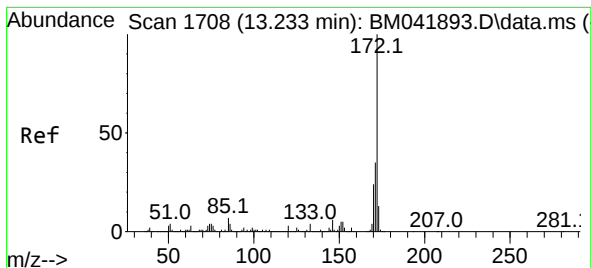
196 100

198 96.7 77.2 115.8

97 52.0 41.1 61.7

132 29.5 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 95.418 ng

RT: 13.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

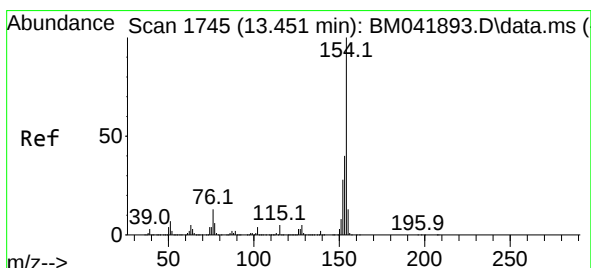
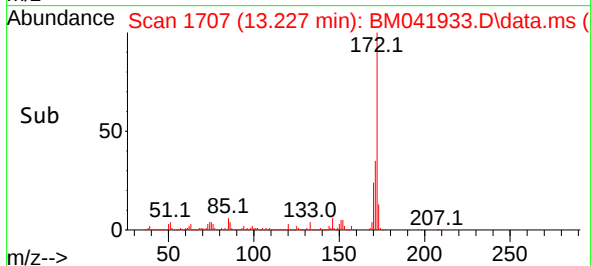
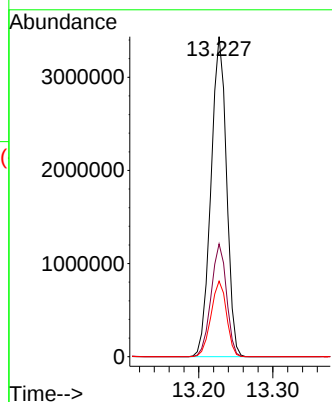
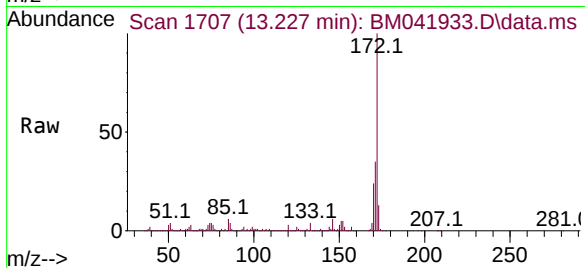
Tgt Ion:172 Resp: 5002470

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 48.510 ng

RT: 13.439 min Scan# 1743

Delta R.T. -0.012 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

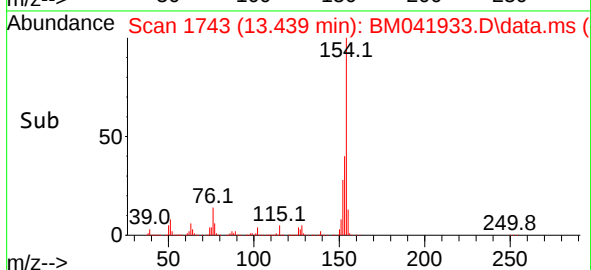
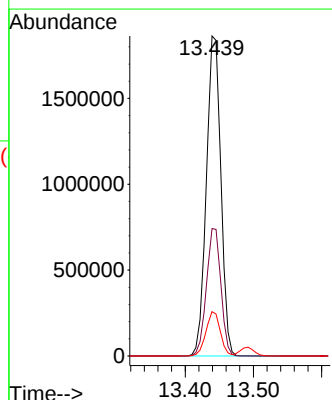
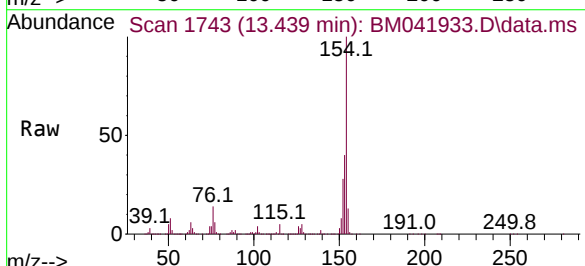
Tgt Ion:154 Resp: 2754201

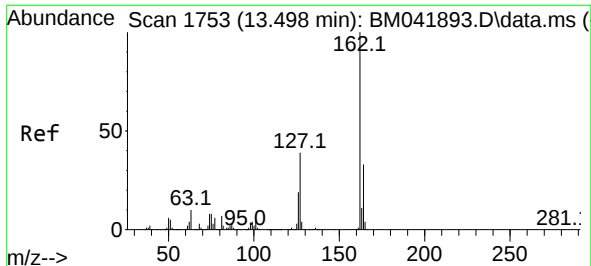
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 13.9 0.0 33.1





#47

2-Chloronaphthalene

Concen: 50.214 ng

RT: 13.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

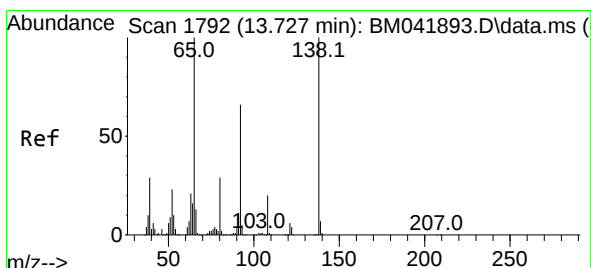
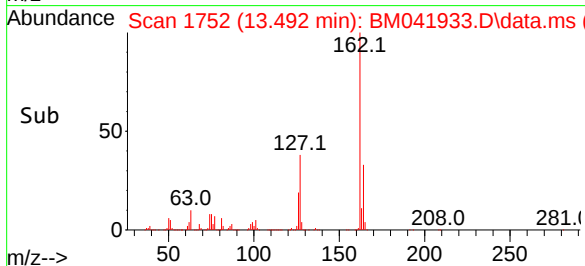
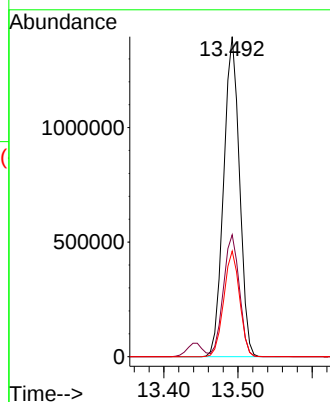
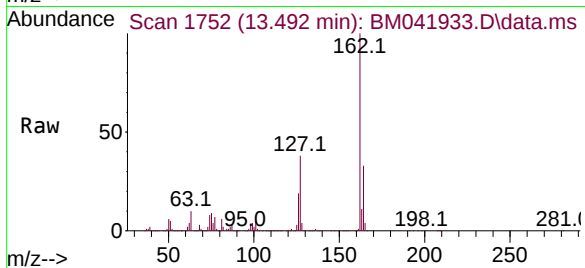
Tgt Ion:162 Resp: 2076193

Ion Ratio Lower Upper

162 100

127 38.1 31.0 46.4

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 47.693 ng

RT: 13.722 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

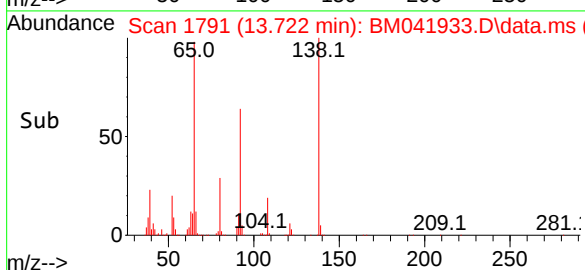
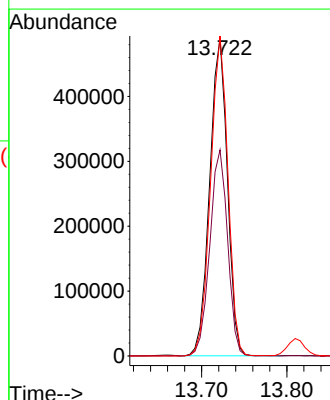
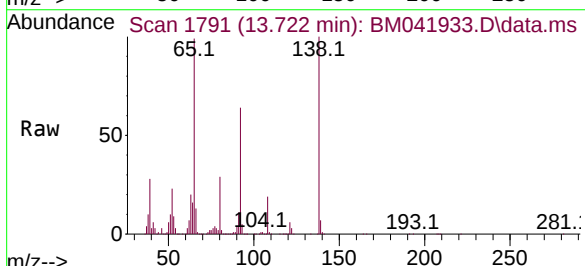
Tgt Ion: 65 Resp: 704640

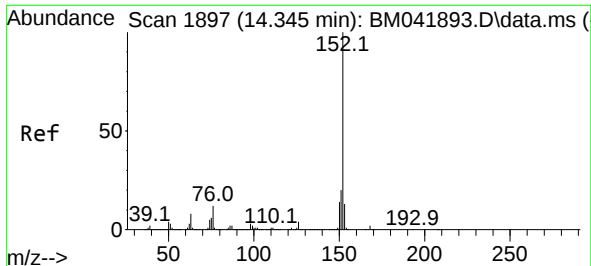
Ion Ratio Lower Upper

65 100

92 64.8 52.8 79.2

138 100.6 80.3 120.5

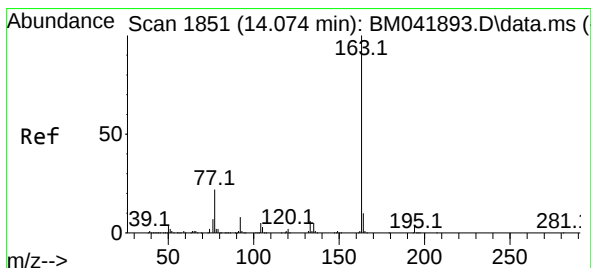
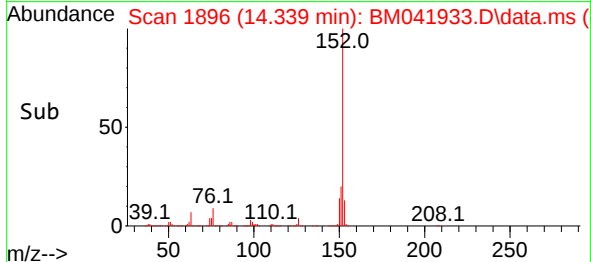
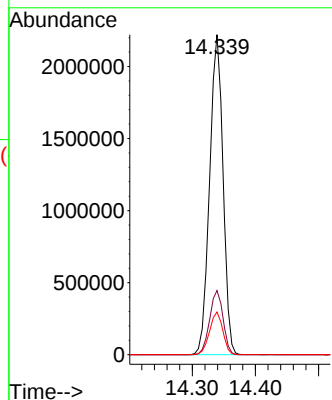
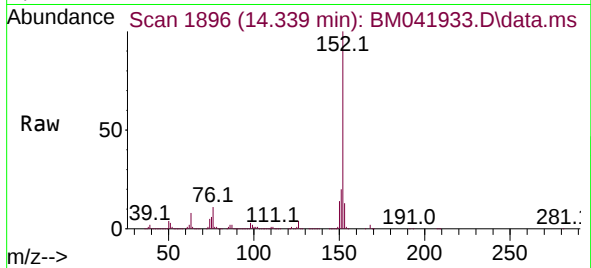




#49
Acenaphthylene
Concen: 47.663 ng
RT: 14.339 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

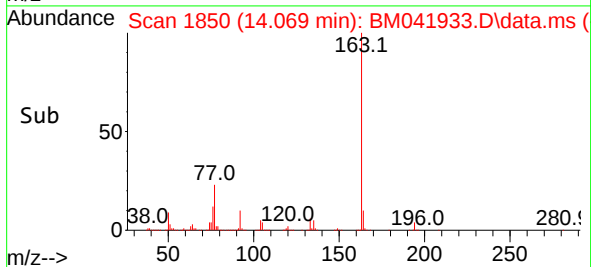
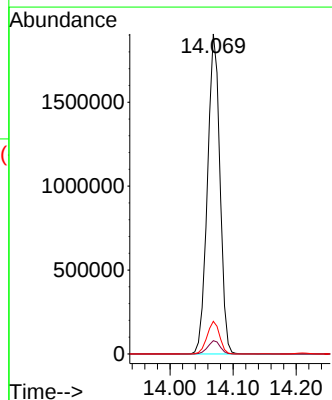
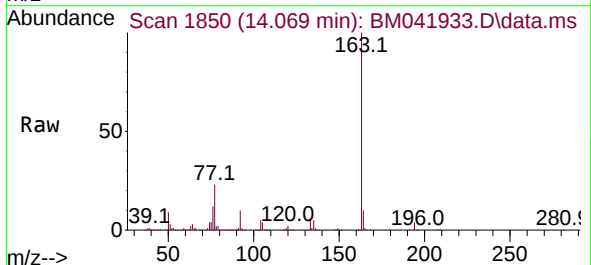
Instrument :
BNA_M
ClientSampleId :
PB155666BS

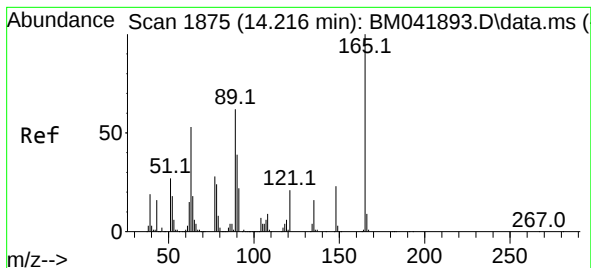
Tgt Ion:152 Resp: 3270563
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 46.008 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:163 Resp: 2617340
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.2 12.4

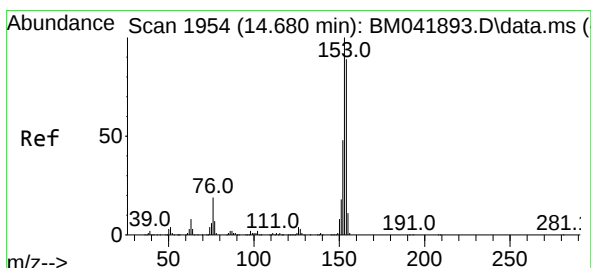
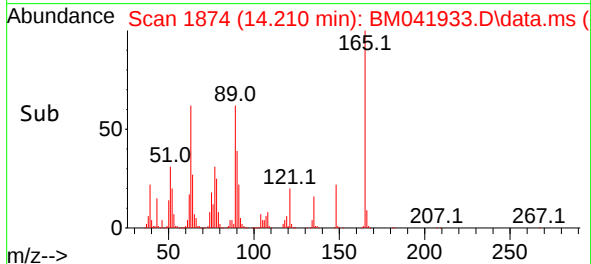
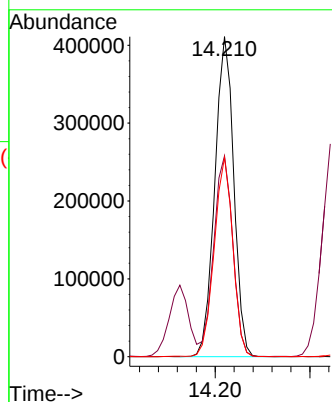
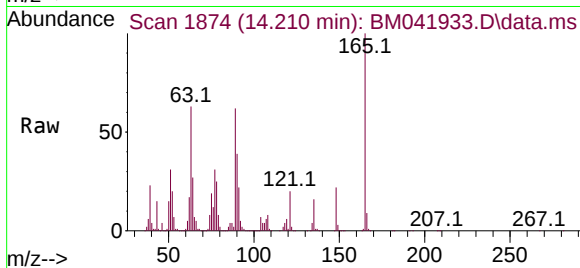




#51
2,6-Dinitrotoluene
Concen: 47.397 ng
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

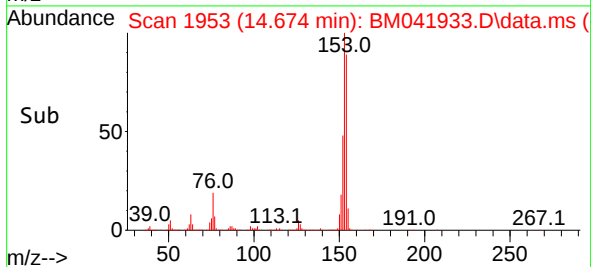
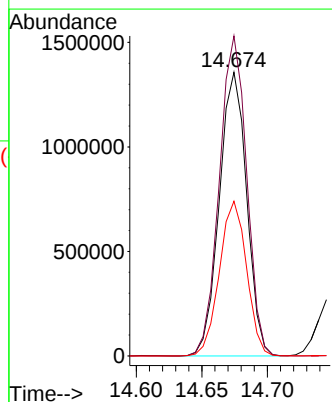
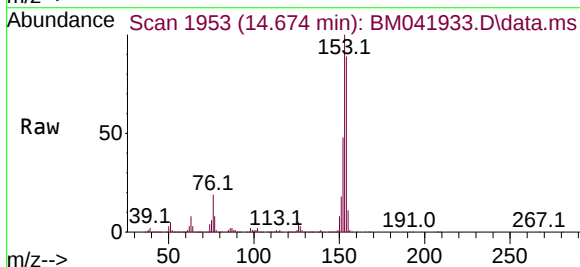
Instrument :
BNA_M
ClientSampleId :
PB155666BS

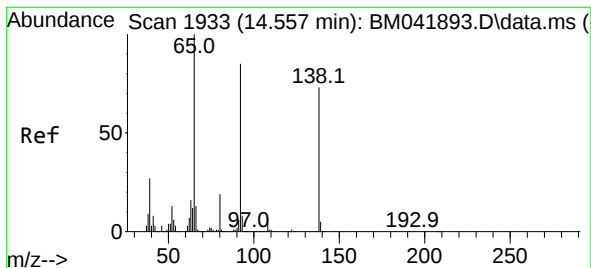
Tgt Ion:165 Resp: 571412
Ion Ratio Lower Upper
165 100
63 62.8 50.2 75.2
89 62.3 49.3 73.9



#52
Acenaphthene
Concen: 47.655 ng
RT: 14.674 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:154 Resp: 1966787
Ion Ratio Lower Upper
154 100
153 112.8 90.3 135.5
152 54.5 43.4 65.2

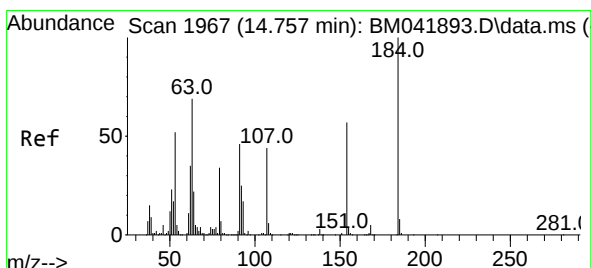
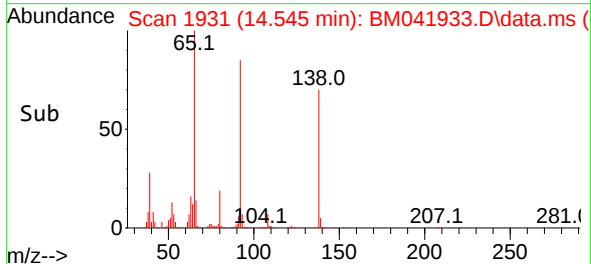
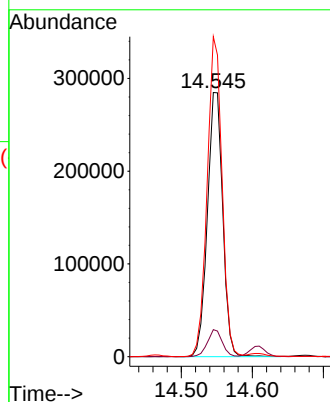
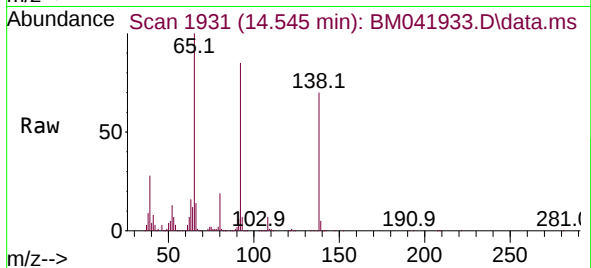




#53
3-Nitroaniline
Concen: 31.739 ng
RT: 14.545 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

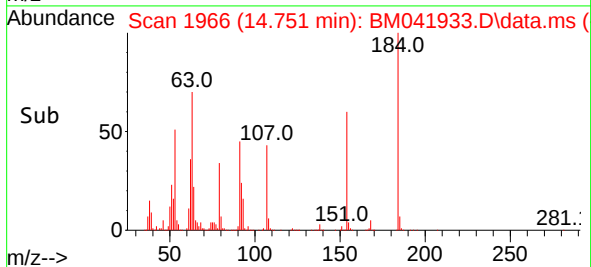
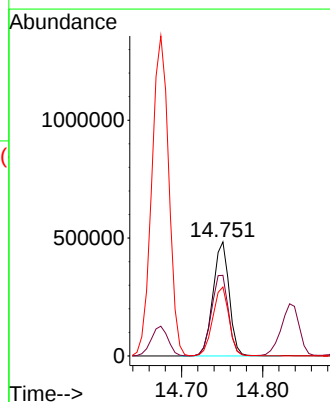
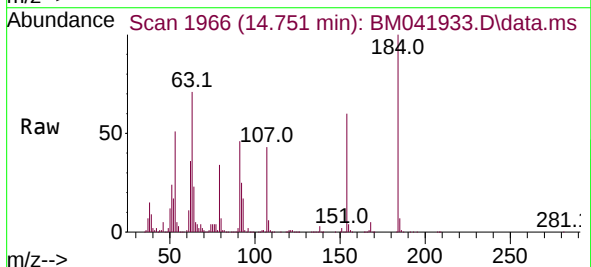
Instrument :
BNA_M
ClientSampleId :
PB155666BS

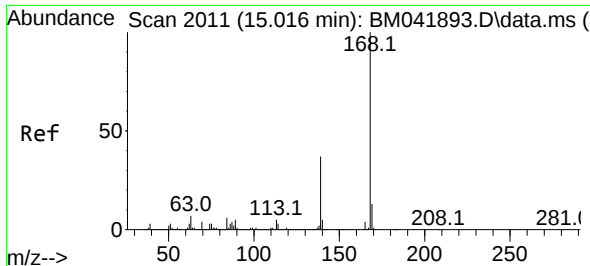
Tgt Ion:138 Resp: 428272
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 121.1 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 88.833 ng
RT: 14.751 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:184 Resp: 668857
Ion Ratio Lower Upper
184 100
63 70.6 55.8 83.8
154 60.5 48.9 73.3

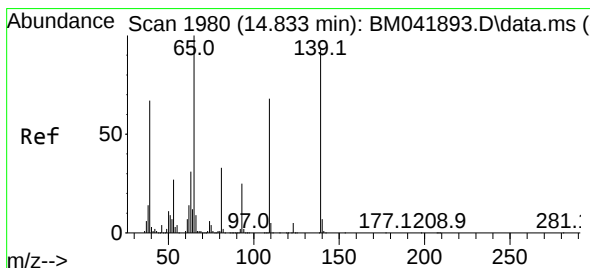
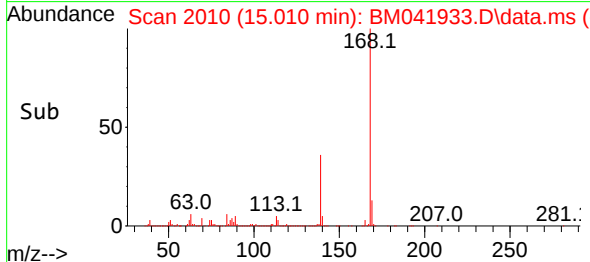
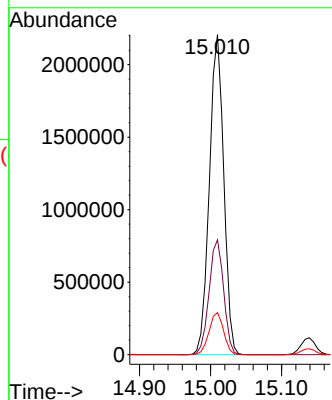
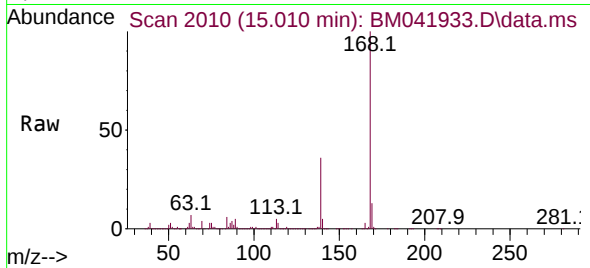




#55
Dibenzofuran
Concen: 46.564 ng
RT: 15.010 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

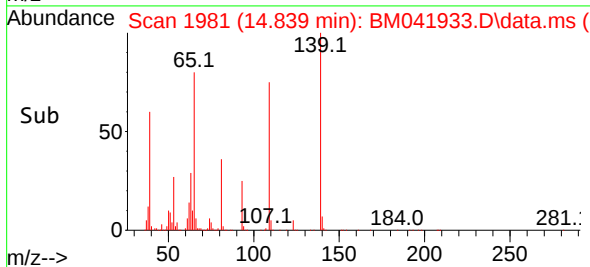
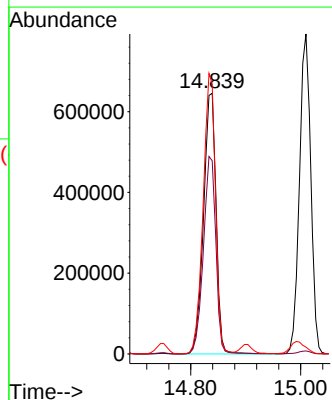
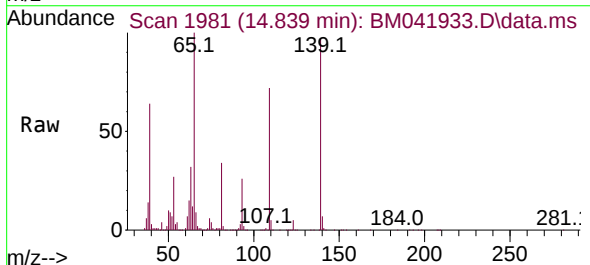
Instrument :
BNA_M
ClientSampleId :
PB155666BS

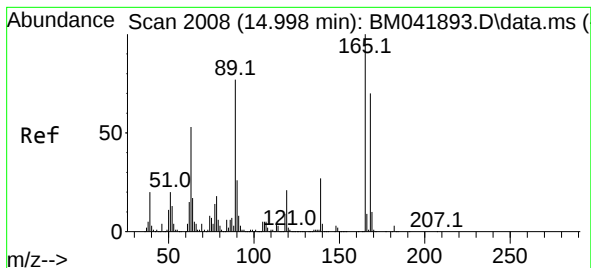
Tgt Ion:168 Resp: 3102113
Ion Ratio Lower Upper
168 100
139 35.9 29.4 44.2
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 95.831 ng
RT: 14.839 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:139 Resp: 1025567
Ion Ratio Lower Upper
139 100
109 74.2 53.4 93.4
65 103.5 87.4 127.4

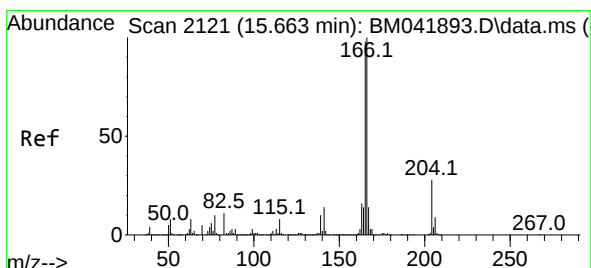
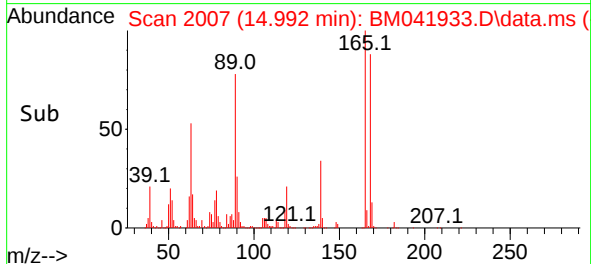
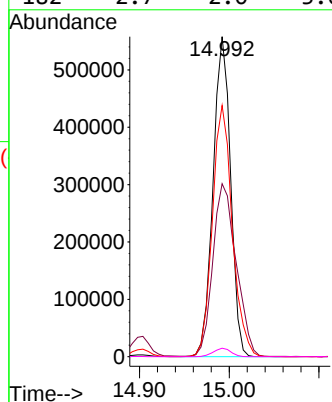
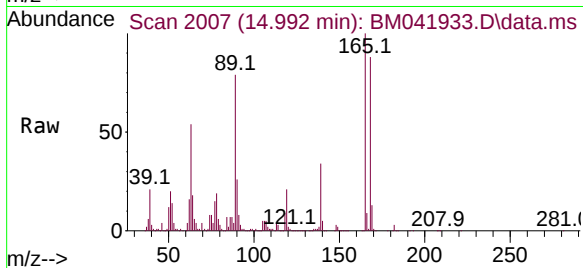




#57
2,4-Dinitrotoluene
Concen: 47.327 ng
RT: 14.992 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

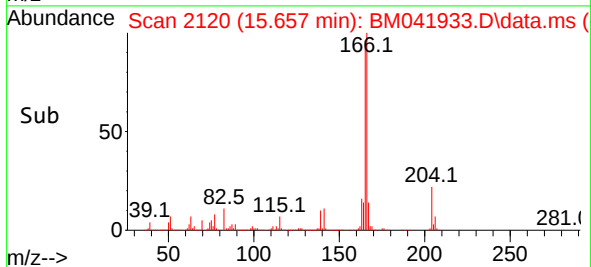
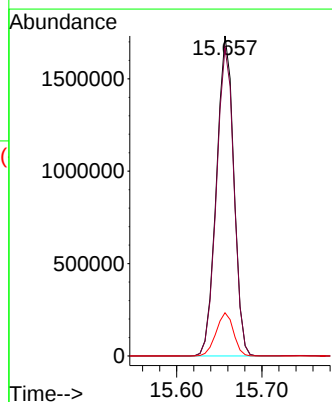
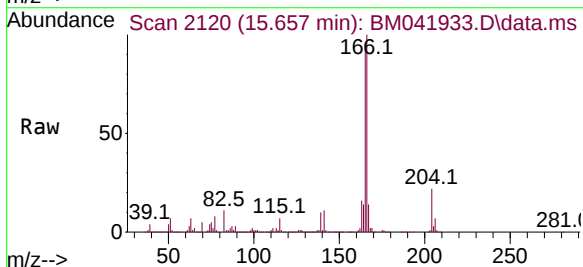
Instrument :
BNA_M
ClientSampleId :
PB155666BS

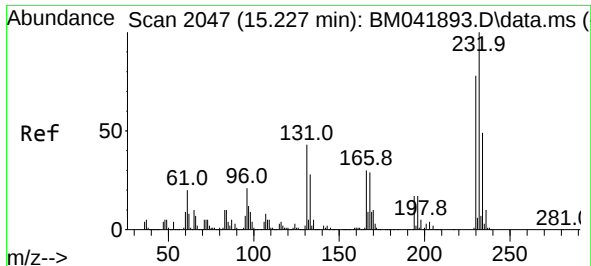
Tgt Ion:165 Resp: 754883
Ion Ratio Lower Upper
165 100
63 54.1 42.3 63.5
89 78.5 61.8 92.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 46.604 ng
RT: 15.657 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:166 Resp: 2447752
Ion Ratio Lower Upper
166 100
165 96.3 78.2 117.2
167 13.5 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.068 ng

RT: 15.221 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

Tgt Ion:232 Resp: 701267

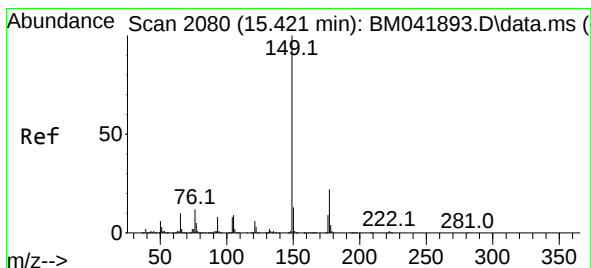
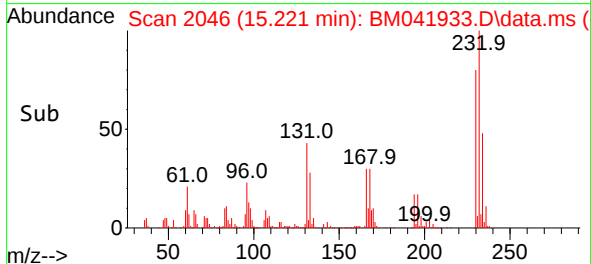
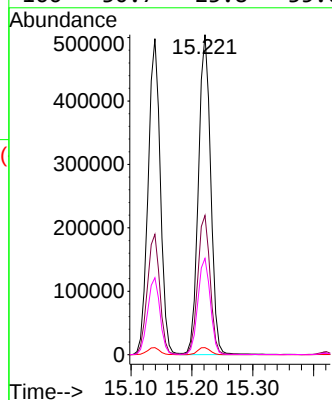
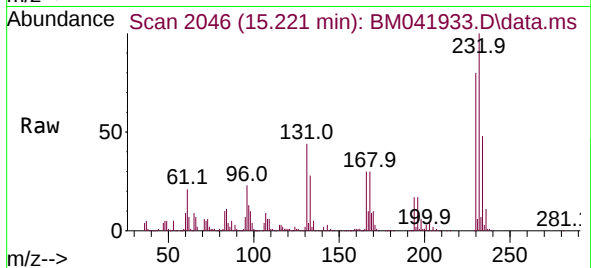
Ion Ratio Lower Upper

232 100

131 44.1 34.6 51.8

130 2.3 1.8 2.8

166 30.7 23.8 35.6



#60

Diethylphthalate

Concen: 45.303 ng

RT: 15.421 min Scan# 2080

Delta R.T. -0.000 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

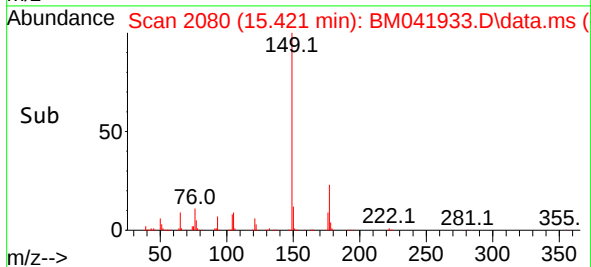
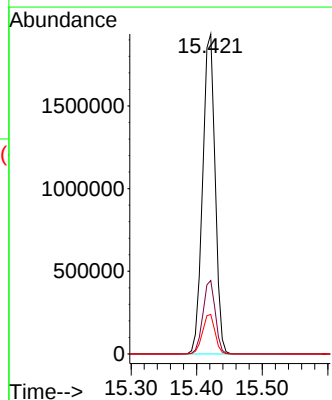
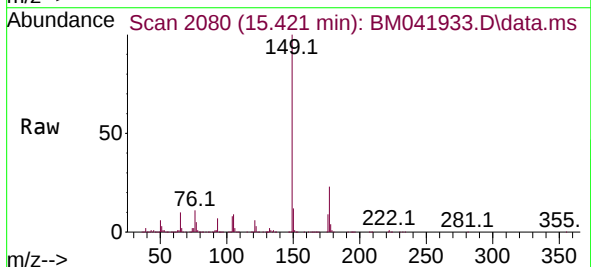
Tgt Ion:149 Resp: 2563644

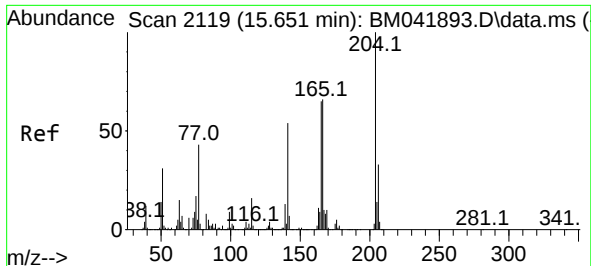
Ion Ratio Lower Upper

149 100

177 23.0 17.9 26.9

150 12.4 10.1 15.1

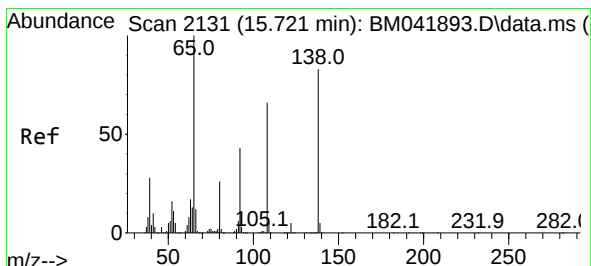
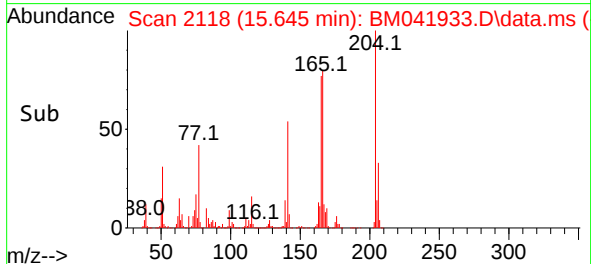
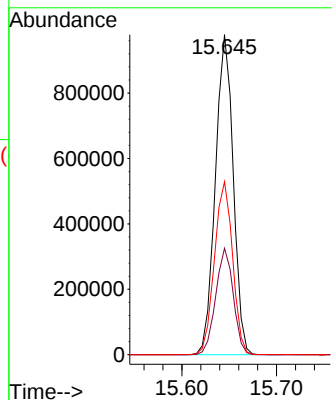
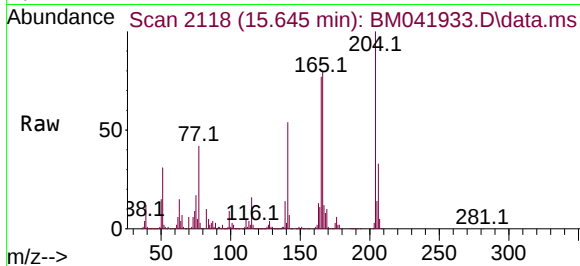




#61
4-Chlorophenyl-phenylether
Concen: 46.494 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

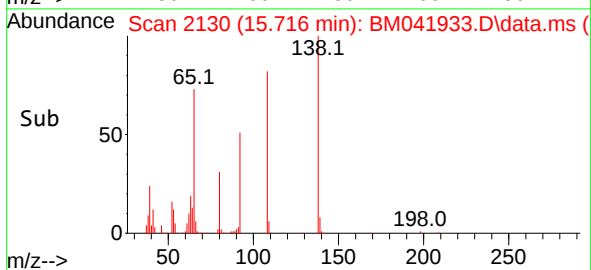
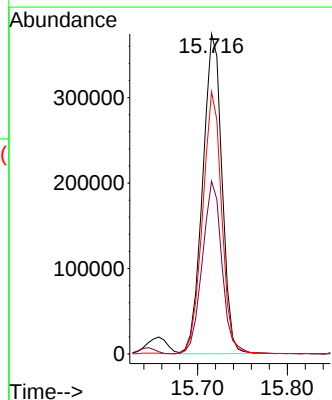
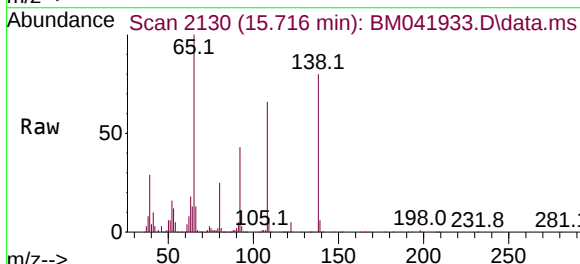
Instrument :
BNA_M
ClientSampleId :
PB155666BS

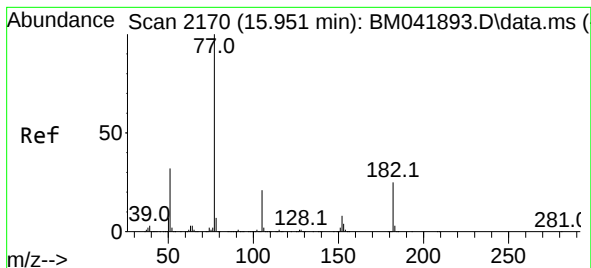
Tgt Ion:204 Resp: 1281099
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 54.0 43.6 65.4



#62
4-Nitroaniline
Concen: 43.010 ng
RT: 15.716 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:138 Resp: 558092
Ion Ratio Lower Upper
138 100
92 54.0 32.3 72.3
108 82.0 59.0 99.0





#63

Azobenzene

Concen: 46.774 ng

RT: 15.939 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

Tgt Ion: 77 Resp: 2683367

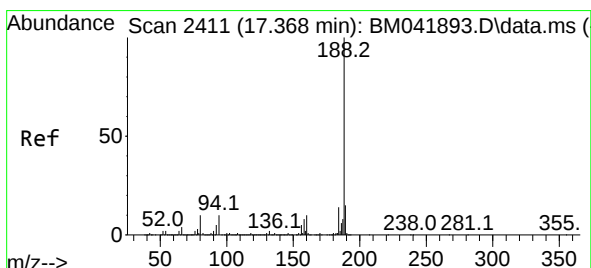
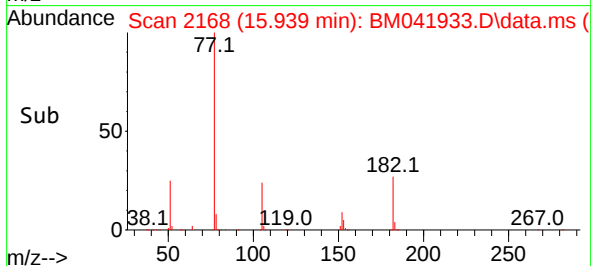
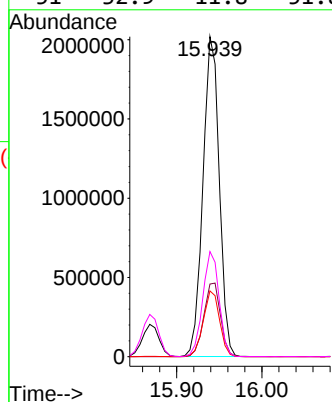
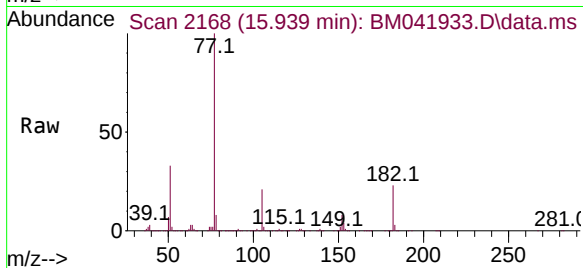
Ion Ratio Lower Upper

77 100

182 22.7 4.9 44.9

105 20.5 0.7 40.7

51 32.9 11.8 51.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.362 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

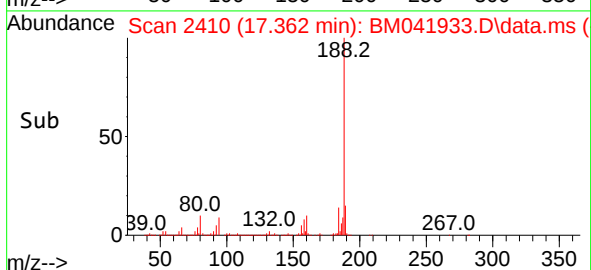
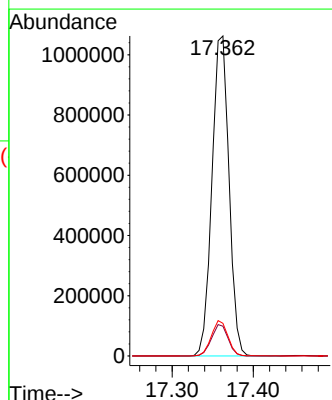
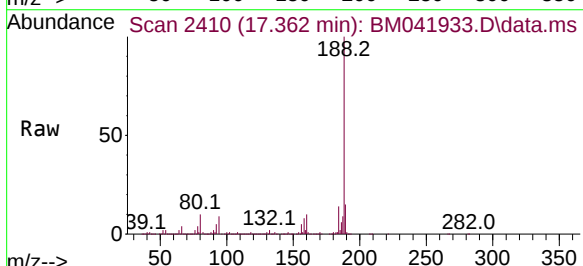
Tgt Ion:188 Resp: 1543654

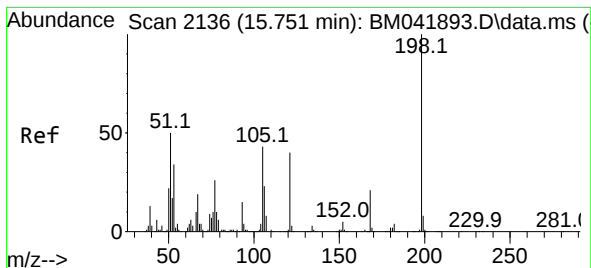
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.2 8.3 12.5

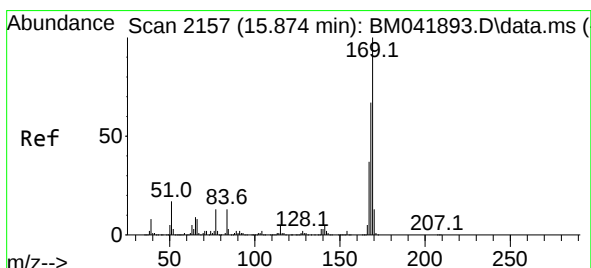
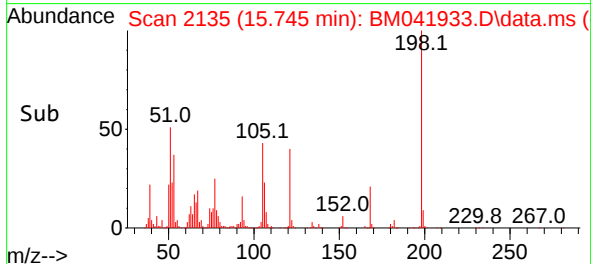
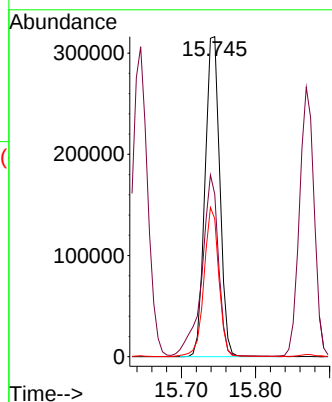
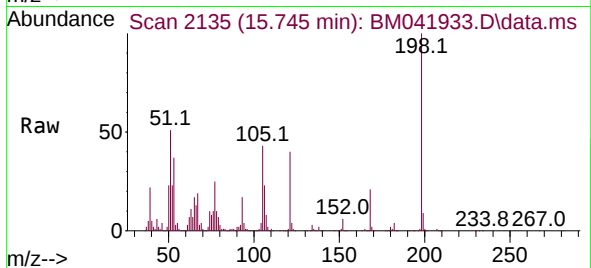




#65
4,6-Dinitro-2-methylphenol
Concen: 49.415 ng
RT: 15.745 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

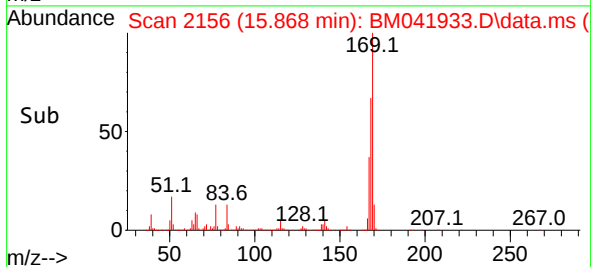
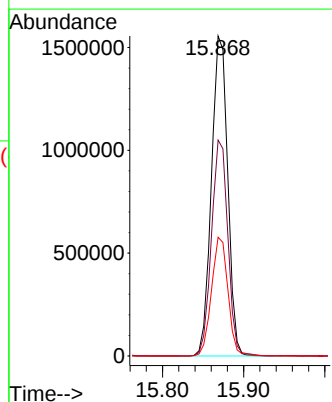
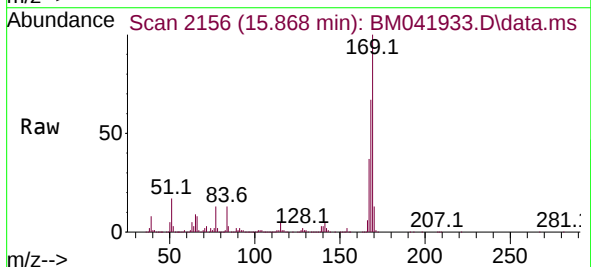
Instrument :
BNA_M
ClientSampleId :
PB155666BS

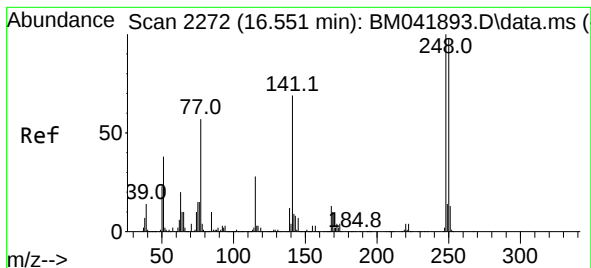
Tgt Ion:198 Resp: 438021
Ion Ratio Lower Upper
198 100
51 50.8 32.0 72.0
105 43.1 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 49.525 ng
RT: 15.868 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:169 Resp: 2159182
Ion Ratio Lower Upper
169 100
168 67.5 53.6 80.4
167 37.1 29.4 44.0

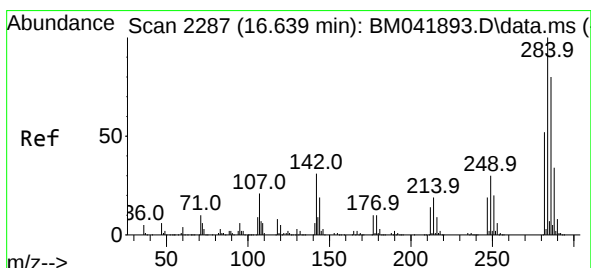
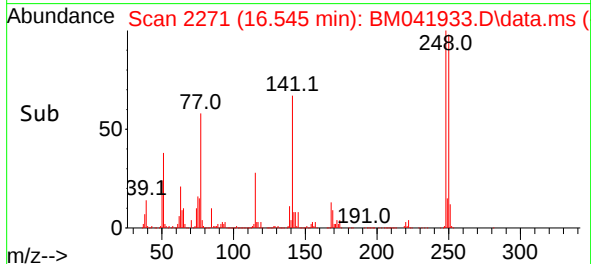
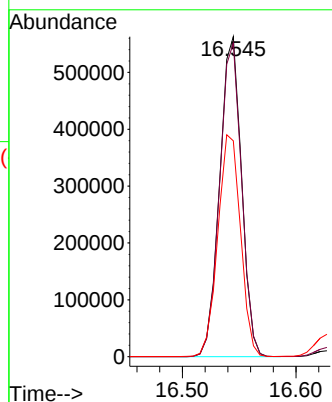
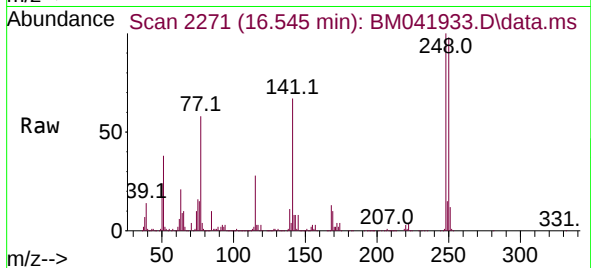




#67
4-Bromophenyl-phenylether
Concen: 47.257 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

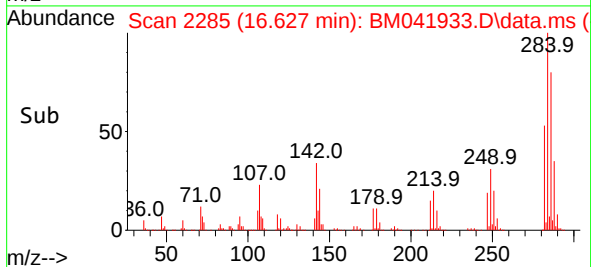
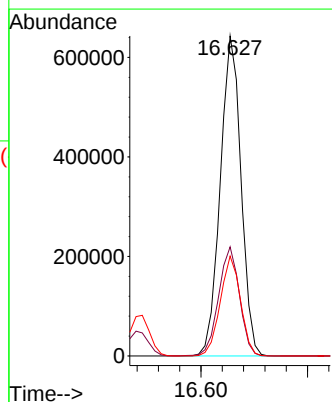
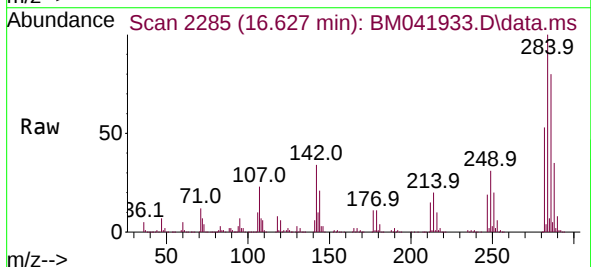
Instrument :
BNA_M
ClientSampleId :
PB155666BS

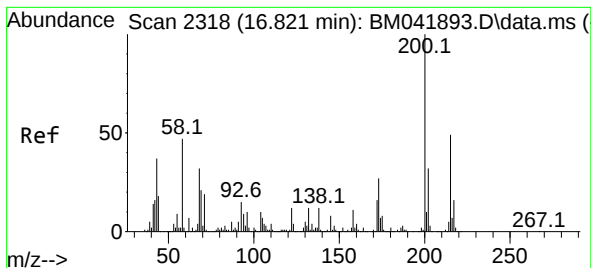
Tgt Ion:248 Resp: 751733
Ion Ratio Lower Upper
248 100
250 98.0 78.0 117.0
141 67.5 55.1 82.7



#68
Hexachlorobenzene
Concen: 51.490 ng
RT: 16.627 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:284 Resp: 867217
Ion Ratio Lower Upper
284 100
142 34.1 24.8 37.2
249 31.2 24.0 36.0





#69

Atrazine

Concen: 58.187 ng

RT: 16.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

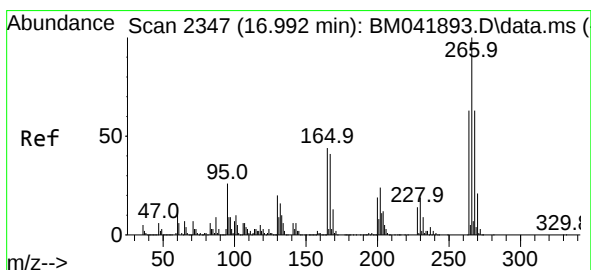
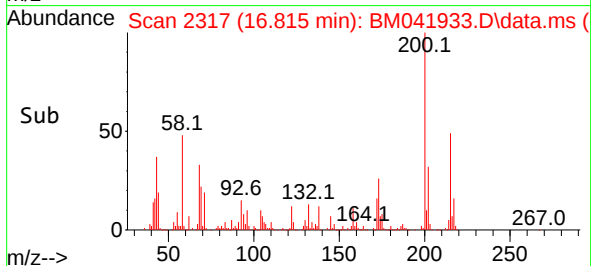
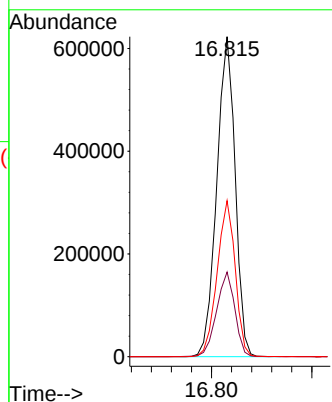
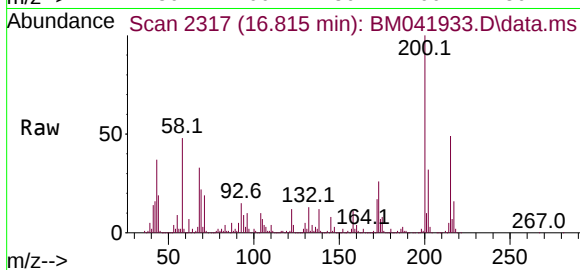
Tgt Ion:200 Resp: 791079

Ion Ratio Lower Upper

200 100

173 26.5 6.5 46.5

215 48.8 28.9 68.9



#70

Pentachlorophenol

Concen: 89.118 ng

RT: 16.986 min Scan# 2346

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

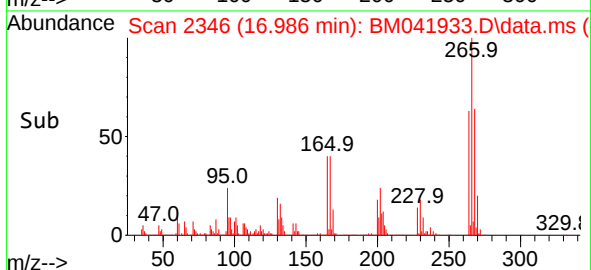
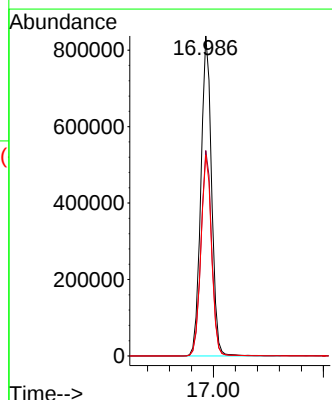
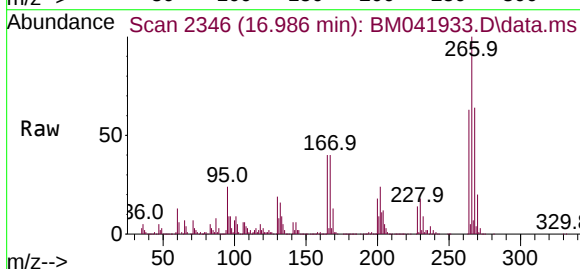
Tgt Ion:266 Resp: 1134057

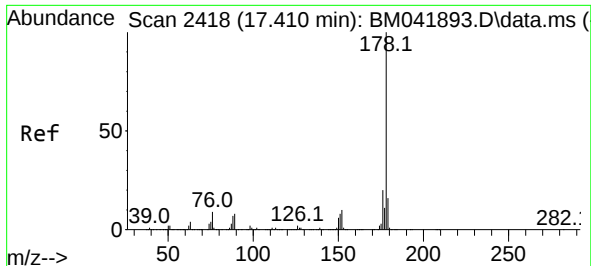
Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

264 62.8 50.6 76.0

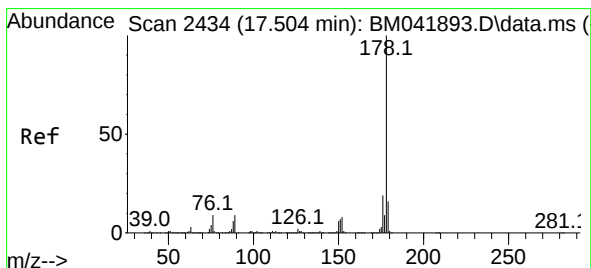
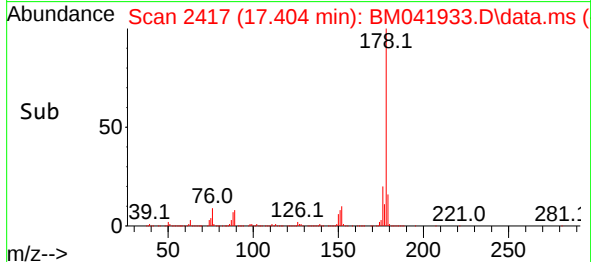
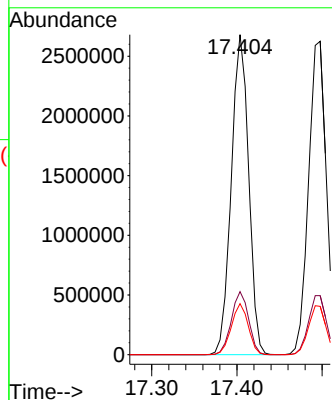
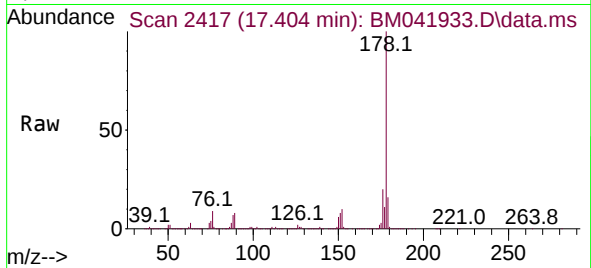




#71
Phenanthrene
Concen: 49.259 ng
RT: 17.404 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

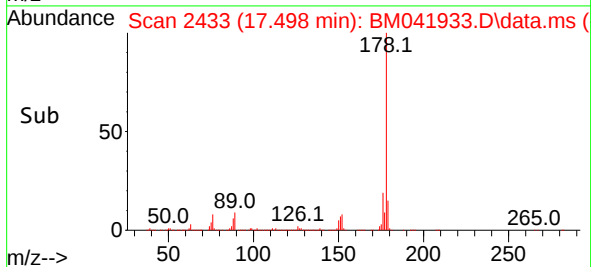
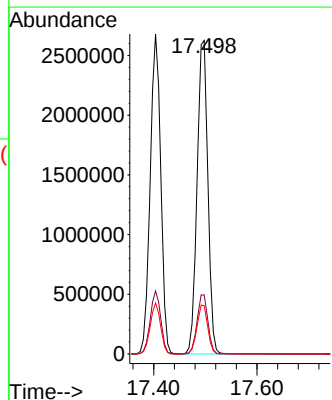
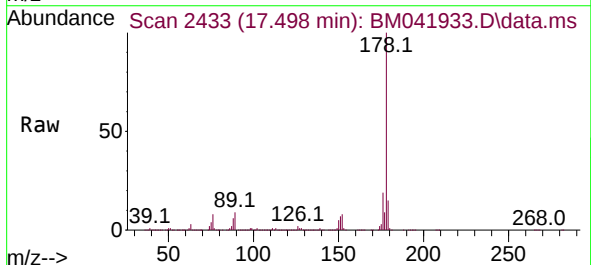
Instrument :
BNA_M
ClientSampleId :
PB155666BS

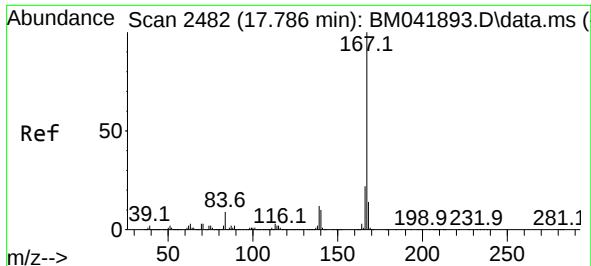
Tgt Ion:178 Resp: 3792245
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.0 12.4 18.6



#72
Anthracene
Concen: 48.449 ng
RT: 17.498 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:178 Resp: 3804950
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.4 12.5 18.7

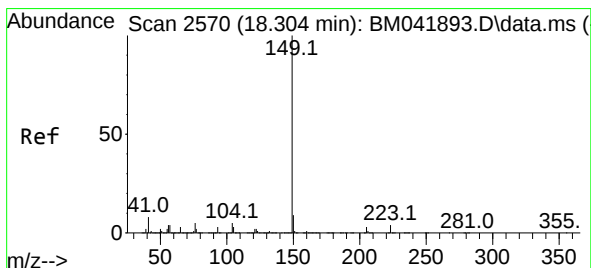
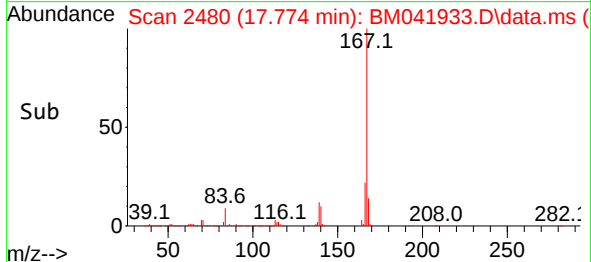
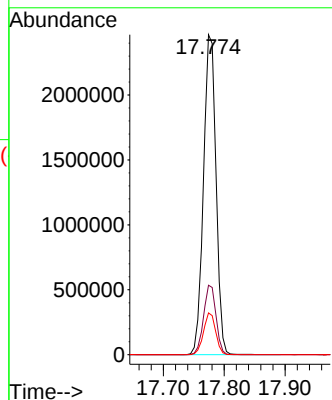
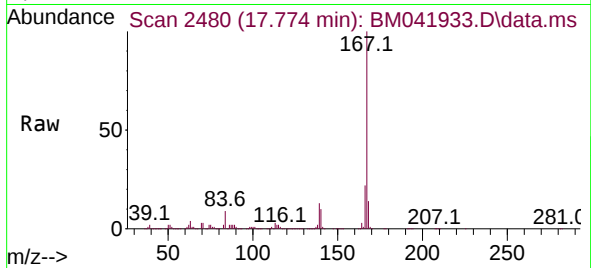




#73
 Carbazole
 Concen: 48.994 ng
 RT: 17.774 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BM041933.D
 Acq: 20 Sep 2023 11:11

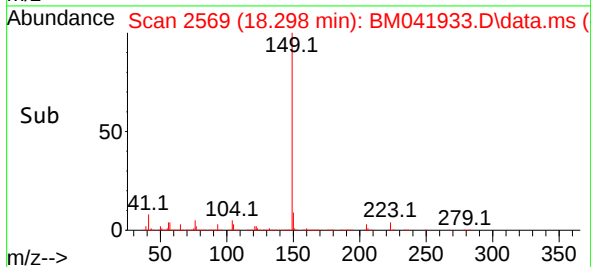
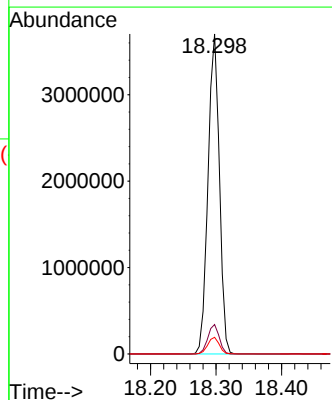
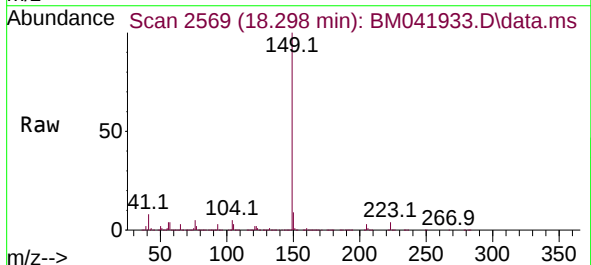
Instrument :
 BNA_M
 ClientSampleId :
 PB155666BS

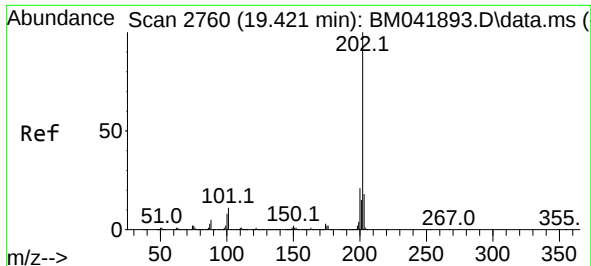
Tgt Ion:167 Resp: 3528115
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.1 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 48.337 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM041933.D
 Acq: 20 Sep 2023 11:11

Tgt Ion:149 Resp: 4468687
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.2 4.2 6.4

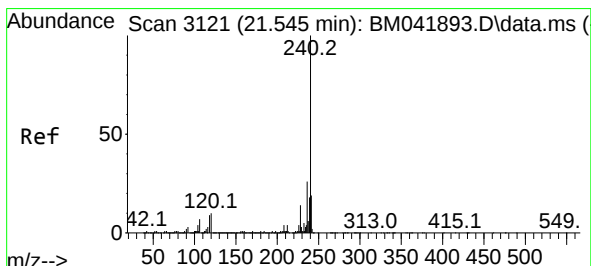
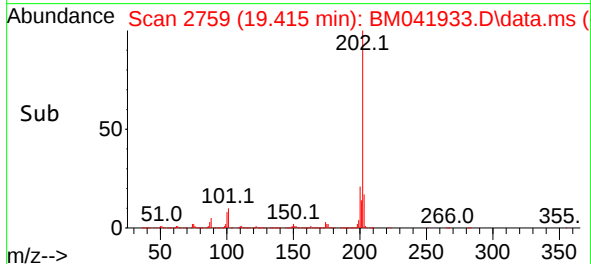
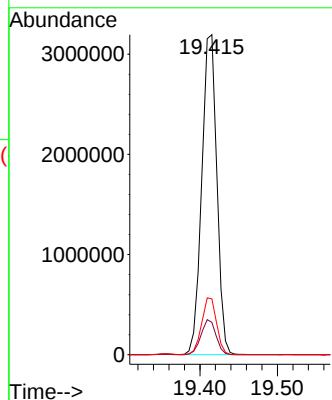
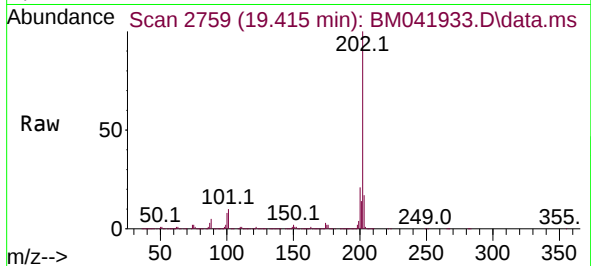




#75
Fluoranthene
Concen: 47.743 ng
RT: 19.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

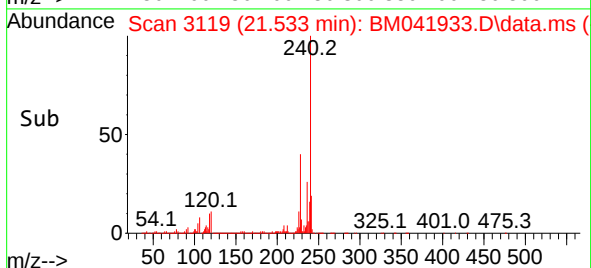
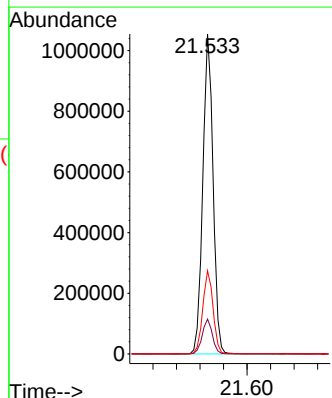
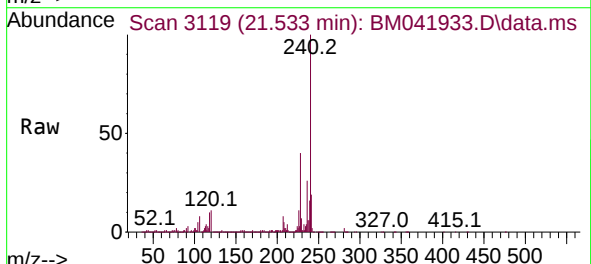
Instrument :
BNA_M
ClientSampleId :
PB155666BS

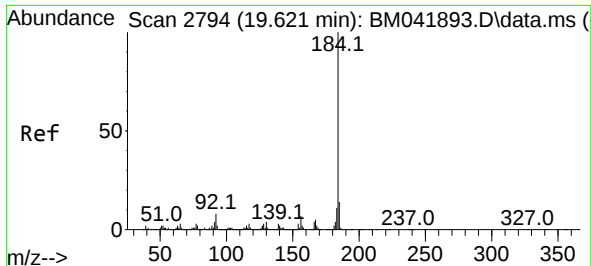
Tgt Ion:202 Resp: 4315108
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.5
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:240 Resp: 1272789
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 26.0 20.7 31.1

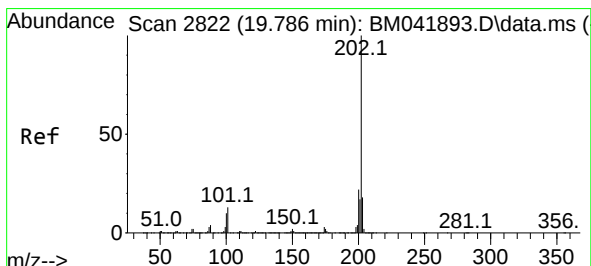
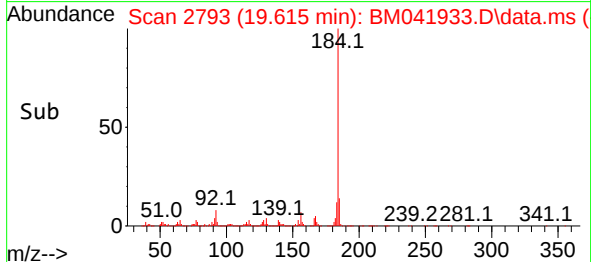
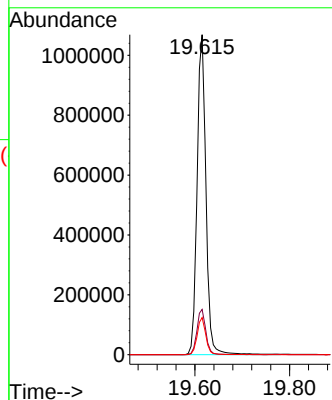
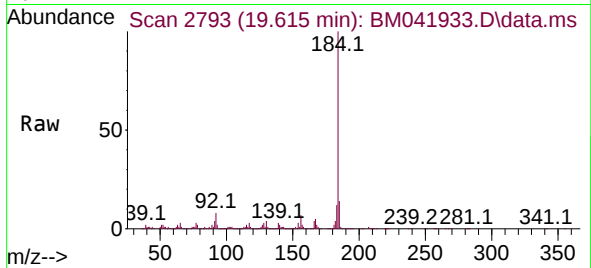




#77
Benzidine
Concen: 53.475 ng
RT: 19.615 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

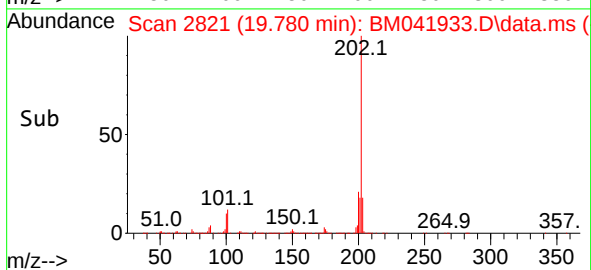
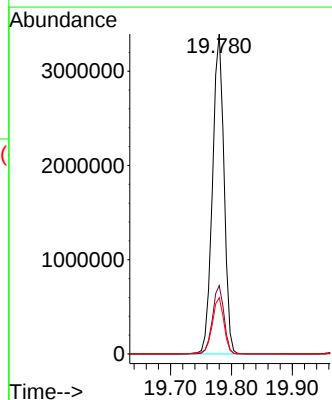
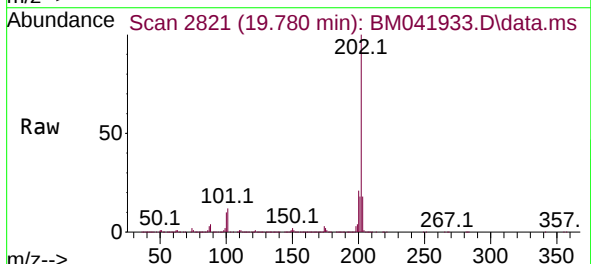
Instrument :
BNA_M
ClientSampleId :
PB155666BS

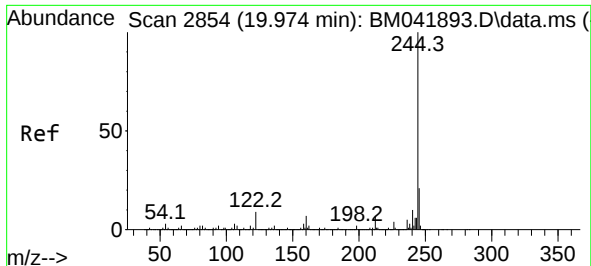
Tgt Ion:184 Resp: 1389276
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.6 9.1 13.7



#78
Pyrene
Concen: 50.385 ng
RT: 19.780 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:202 Resp: 4462228
Ion Ratio Lower Upper
202 100
200 21.3 17.3 25.9
203 17.6 14.2 21.4

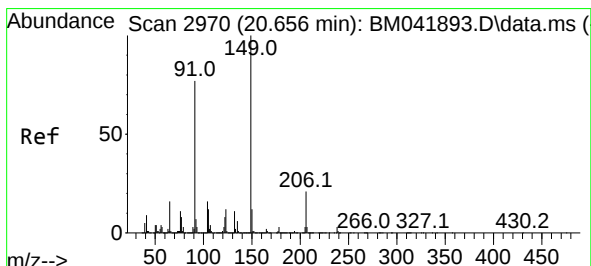
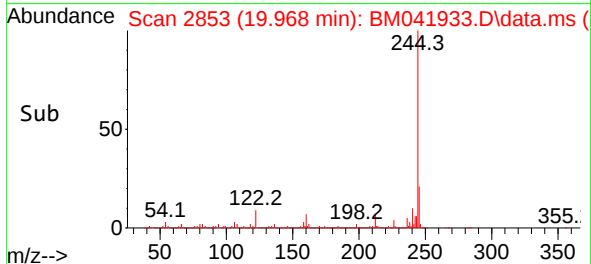
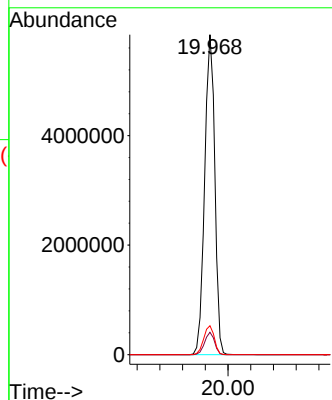
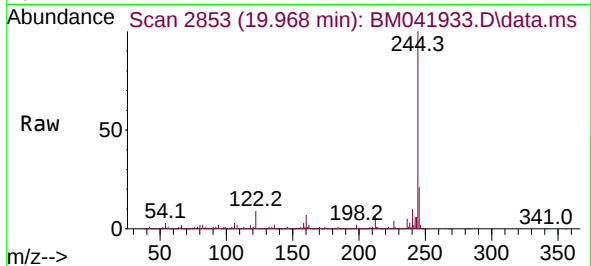




#79
 Terphenyl-d14
 Concen: 103.030 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041933.D
 Acq: 20 Sep 2023 11:11

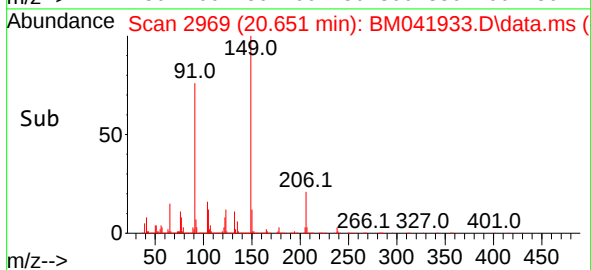
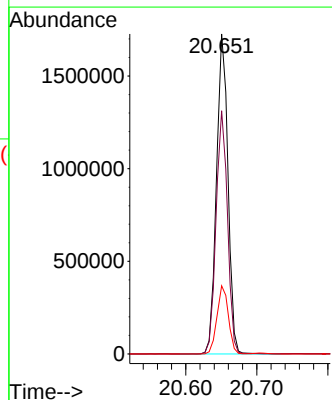
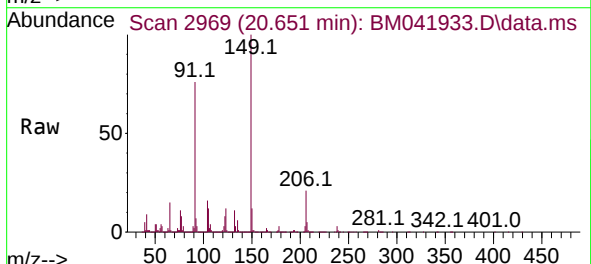
Instrument :
 BNA_M
 ClientSampleId :
 PB155666BS

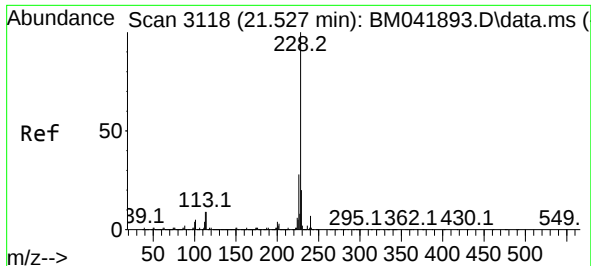
Tgt Ion:244 Resp: 7200141
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.0 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 49.003 ng
 RT: 20.651 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM041933.D
 Acq: 20 Sep 2023 11:11

Tgt Ion:149 Resp: 1930217
 Ion Ratio Lower Upper
 149 100
 91 76.0 61.7 92.5
 206 21.3 16.9 25.3

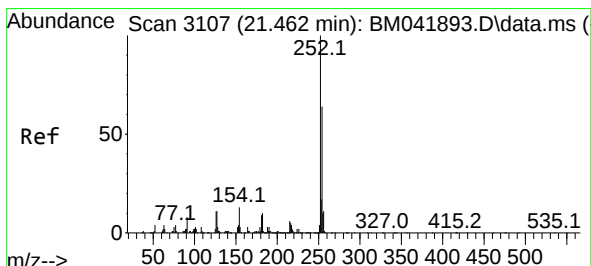
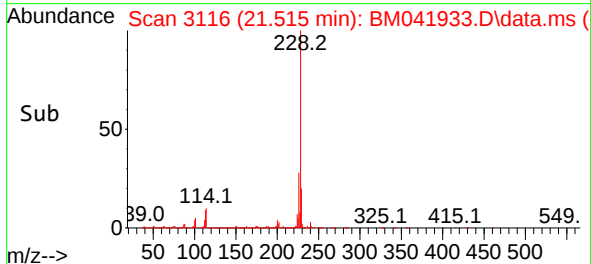
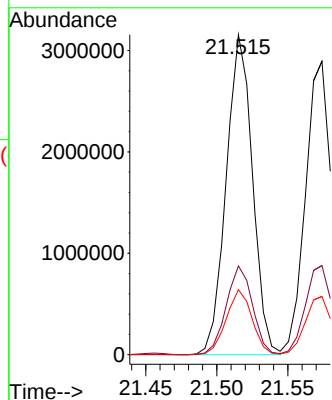
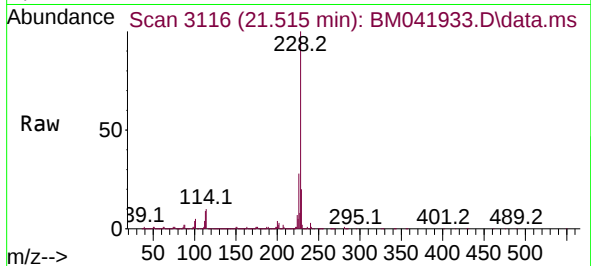




#81
Benzo(a)anthracene
Concen: 48.993 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

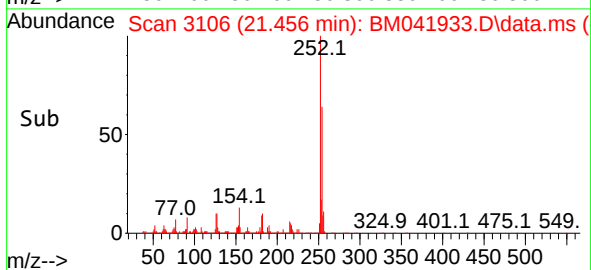
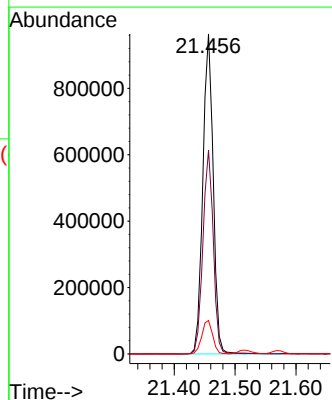
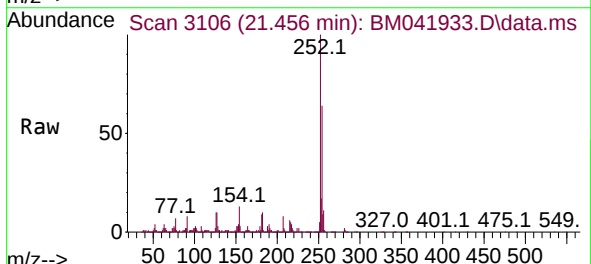
Instrument :
BNA_M
ClientSampleId :
PB155666BS

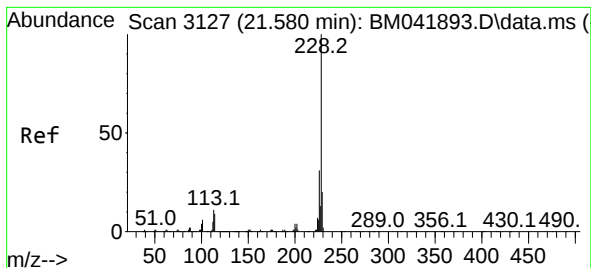
Tgt Ion:228 Resp: 4067016
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 20.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 38.979 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:252 Resp: 1139519
Ion Ratio Lower Upper
252 100
254 63.7 51.3 76.9
126 10.4 8.6 13.0





#83

Chrysene

Concen: 47.318 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

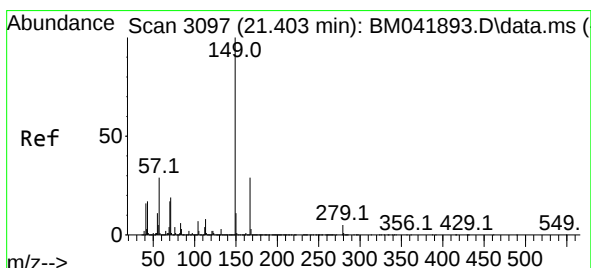
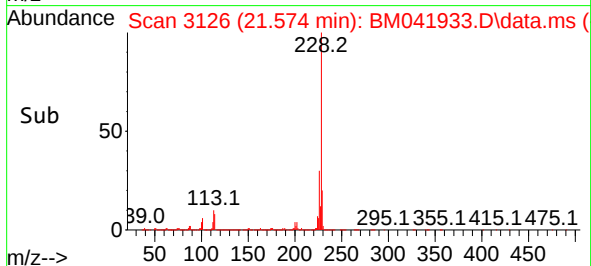
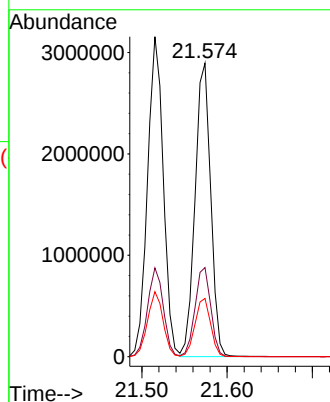
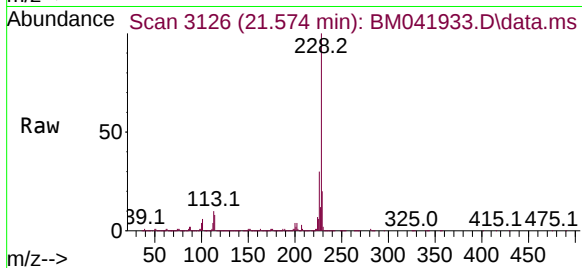
Tgt Ion:228 Resp: 3681759

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.566 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

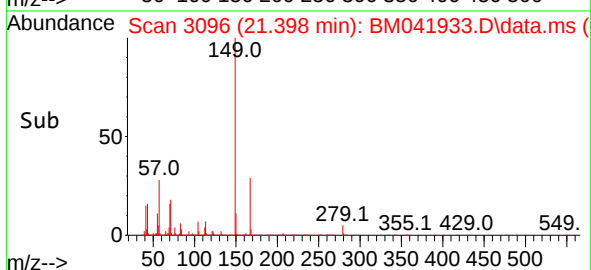
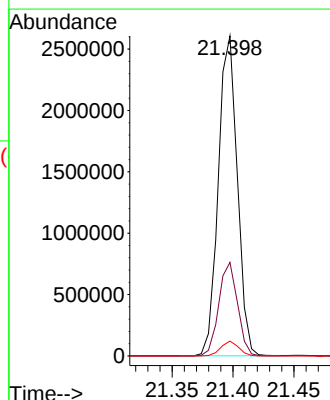
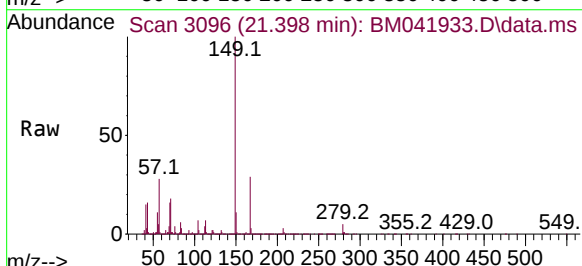
Tgt Ion:149 Resp: 2837957

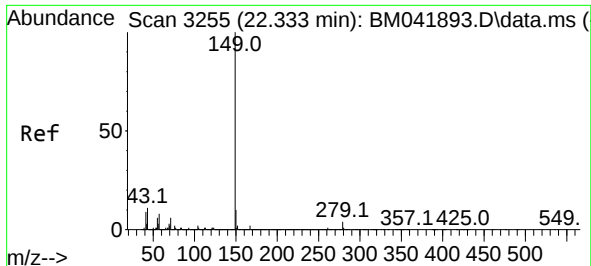
Ion Ratio Lower Upper

149 100

167 29.3 23.0 34.6

279 4.7 3.7 5.5

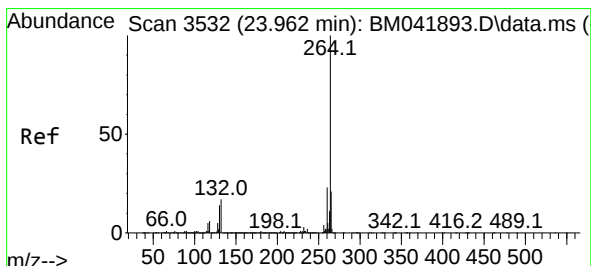
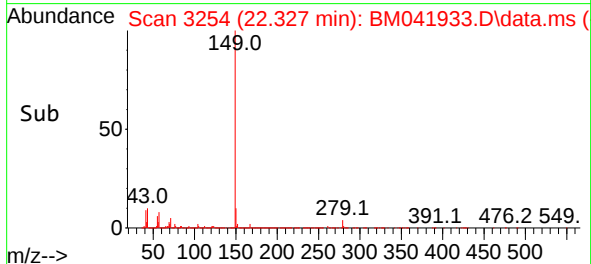
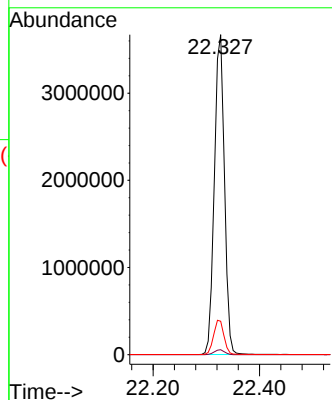
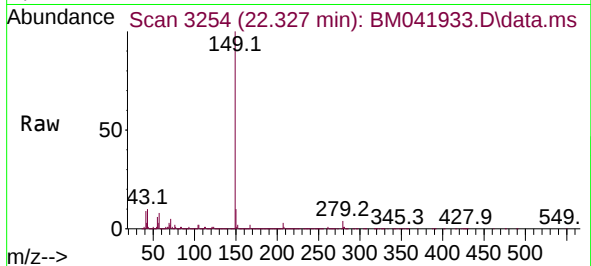




#85
Di-n-octyl phthalate
Concen: 49.226 ng
RT: 22.327 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

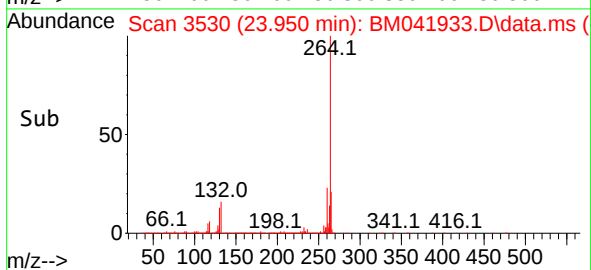
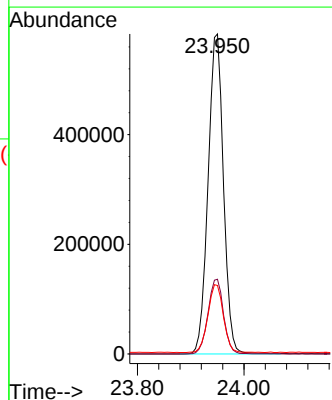
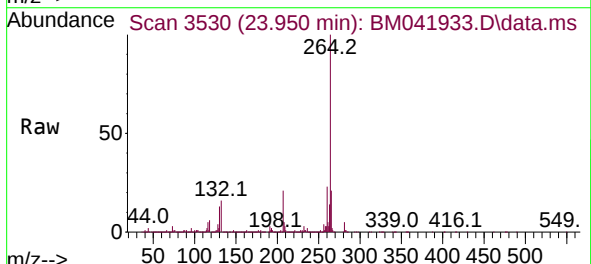
Instrument :
BNA_M
ClientSampleId :
PB155666BS

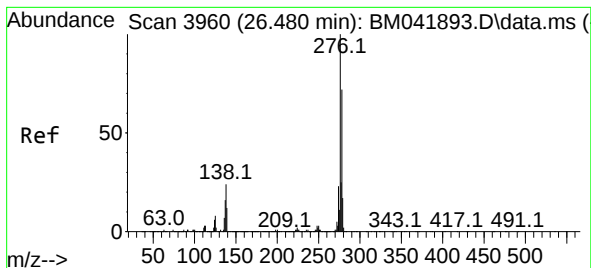
Tgt Ion:149 Resp: 4841994
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.950 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:264 Resp: 1168287
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.651 ng

RT: 26.456 min Scan# 3956

Delta R.T. -0.024 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

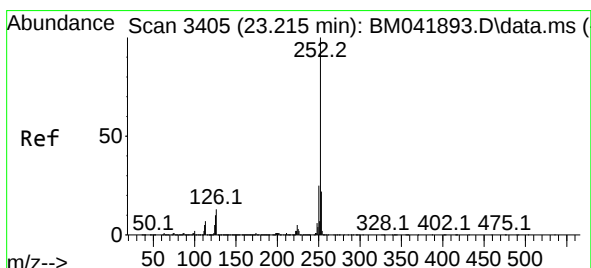
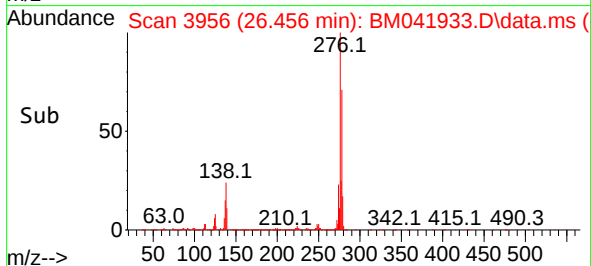
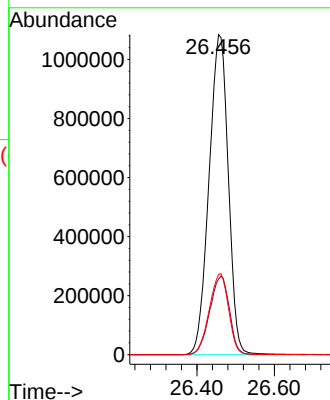
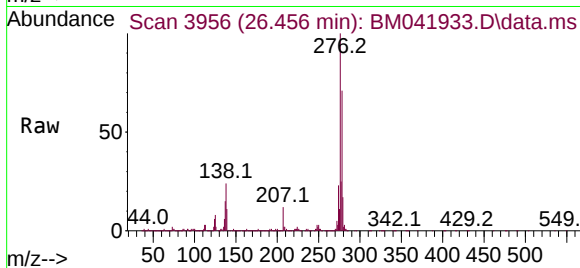
Tgt Ion:276 Resp: 3742410

Ion Ratio Lower Upper

276 100

138 25.0 19.8 29.8

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 56.411 ng

RT: 23.209 min Scan# 3404

Delta R.T. -0.006 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

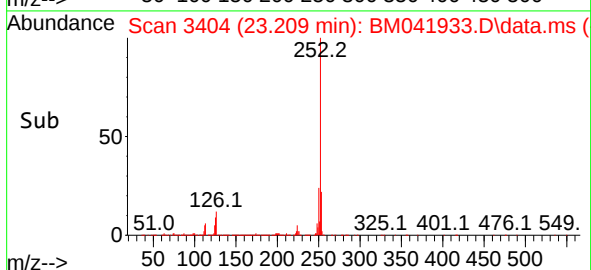
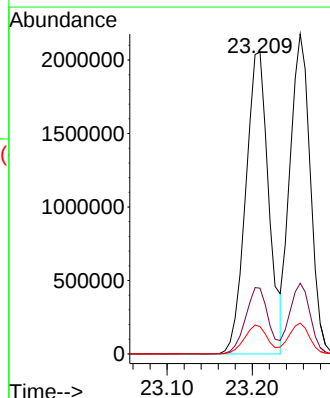
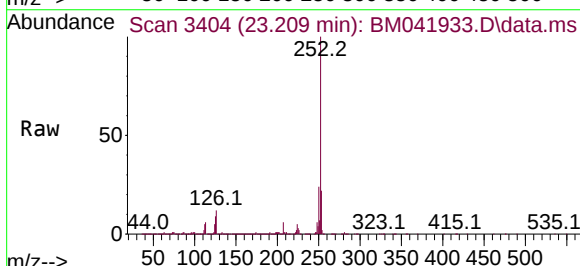
Tgt Ion:252 Resp: 3847696

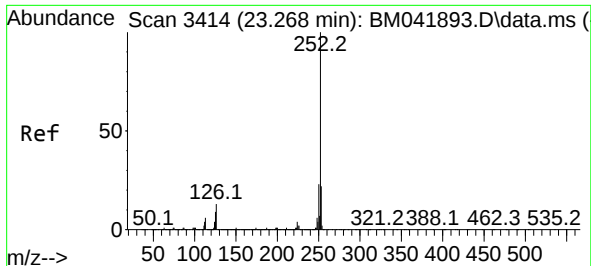
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 9.1 7.8 11.6

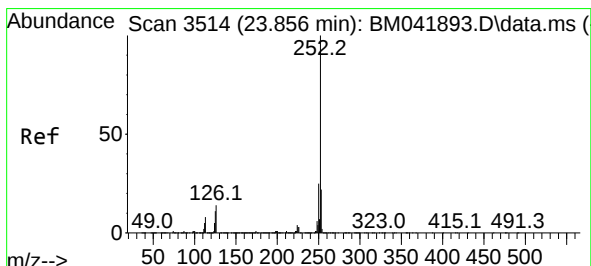
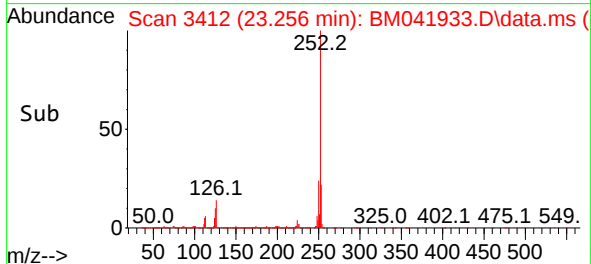
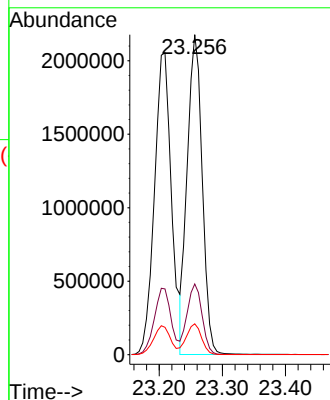
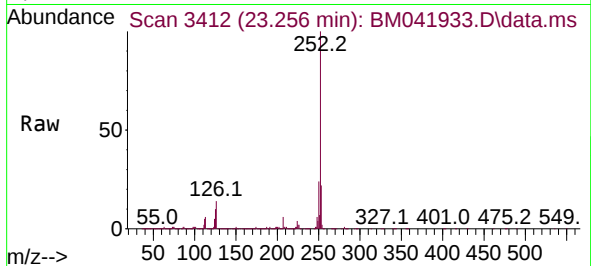




#89
Benzo(k)fluoranthene
Concen: 53.231 ng
RT: 23.256 min Scan# 3414
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

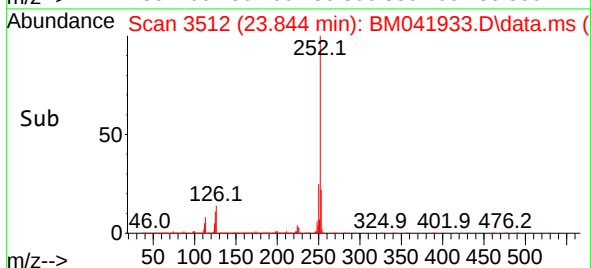
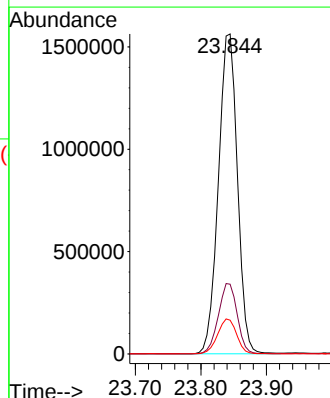
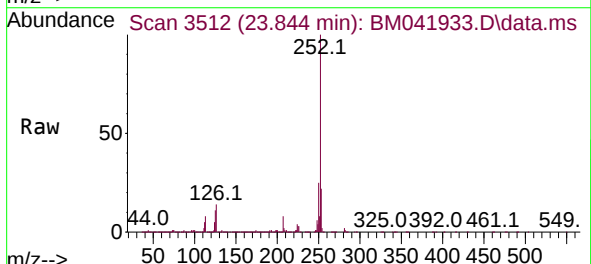
Instrument :
BNA_M
ClientSampleId :
PB155666BS

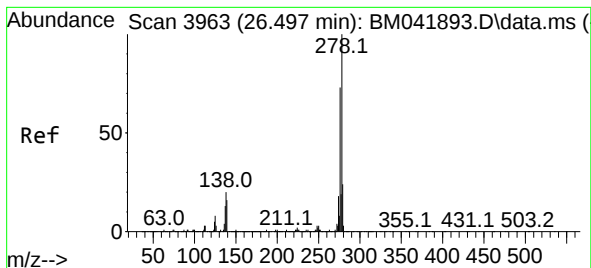
Tgt Ion:252 Resp: 3587862
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 49.046 ng
RT: 23.844 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BM041933.D
Acq: 20 Sep 2023 11:11

Tgt Ion:252 Resp: 3139046
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.6 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 54.466 ng

RT: 26.474 min Scan# 3963

Delta R.T. -0.024 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Instrument :

BNA_M

ClientSampleId :

PB155666BS

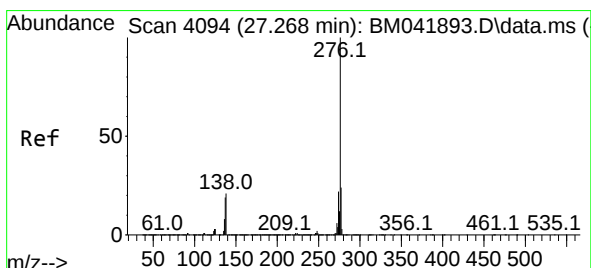
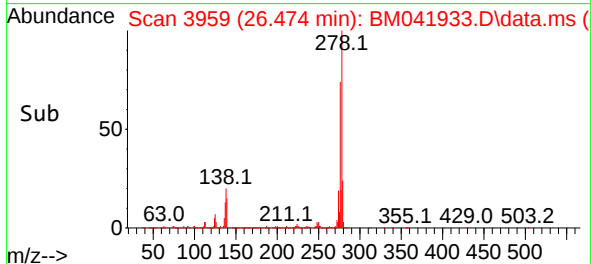
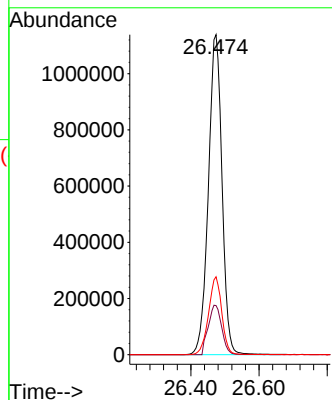
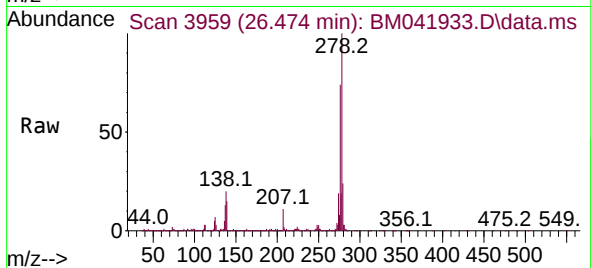
Tgt Ion:278 Resp: 3167324

Ion Ratio Lower Upper

278 100

139 15.4 12.8 19.2

279 24.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 54.399 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.029 min

Lab File: BM041933.D

Acq: 20 Sep 2023 11:11

Tgt Ion:276 Resp: 3022609

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 21.8 17.0 25.4

