

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041934.D
 Acq On : 20 Sep 2023 12:24
 Operator : MA/JU
 Sample : PB155456BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155456BS

Quant Time: Sep 20 12:55:01 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	294381	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1245129	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	752499	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	1529656	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1246759	20.000	ng	-0.01
86) Perylene-d12	23.950	264	1178933	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	2463766	139.399	ng	0.00
7) Phenol-d6	7.110	99	3224969	131.417	ng	0.00
23) Nitrobenzene-d5	9.157	82	1995664	81.606	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1176264	125.282	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	4265798	83.205	ng	0.00
79) Terphenyl-d14	19.968	244	6164687	90.055	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	237617	32.961	ng	98
3) Pyridine	3.810	79	678395	30.293	ng	99
4) n-Nitrosodimethylamine	3.740	42	441635	41.488	ng	98
6) Aniline	7.298	93	1052991	32.388	ng	99
8) 2-Chlorophenol	7.516	128	923987	46.957	ng	99
9) Benzaldehyde	7.122	77	291811	21.034	ng	97
10) Phenol	7.140	94	1186462	47.102	ng	99
11) bis(2-Chloroethyl)ether	7.393	93	882363	41.994	ng	99
12) 1,3-Dichlorobenzene	7.840	146	904181	43.035	ng	100
13) 1,4-Dichlorobenzene	7.998	146	931734	43.643	ng	99
14) 1,2-Dichlorobenzene	8.310	146	902166	43.963	ng	99
15) Benzyl Alcohol	8.210	79	842319	43.477	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1360709	42.344	ng	99
17) 2-Methylphenol	8.392	107	777866	42.468	ng	99
18) Hexachloroethane	9.028	117	343787	42.842	ng	98
19) n-Nitroso-di-n-propyla...	8.775	70	734884	40.285	ng	99
20) 3+4-Methylphenols	8.728	107	1058585	42.106	ng	100
22) Acetophenone	8.804	105	1329369	42.709	ng	# 100
24) Nitrobenzene	9.198	77	1043750	43.000	ng	100
25) Isophorone	9.710	82	1956014	40.525	ng	100
26) 2-Nitrophenol	9.898	139	483019	44.181	ng	98
27) 2,4-Dimethylphenol	9.934	122	849060	43.183	ng	98
28) bis(2-Chloroethoxy)met...	10.186	93	1206896	42.782	ng	99
29) 2,4-Dichlorophenol	10.416	162	883579	46.436	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	871118	44.591	ng	99
31) Naphthalene	10.828	128	2659419	42.426	ng	100
32) Benzoic acid	10.081	122	642743	41.490	ng	99
33) 4-Chloroaniline	10.957	127	644368	22.967	ng	99
34) Hexachlorobutadiene	11.057	225	506585	42.455	ng	99
35) Caprolactam	11.792	113	273501	40.217	ng	98
36) 4-Chloro-3-methylphenol	12.051	107	929330	43.825	ng	99
37) 2-Methylnaphthalene	12.433	142	1838622	39.893	ng	100
38) 1-Methylnaphthalene	12.651	142	1763281	40.735	ng	99
40) 1,2,4,5-Tetrachloroben...	12.780	216	954565	43.741	ng	100
41) Hexachlorocyclopentadiene	12.733	237	1113456	90.740	ng	100
43) 2,4,6-Trichlorophenol	13.033	196	680815	45.841	ng	100

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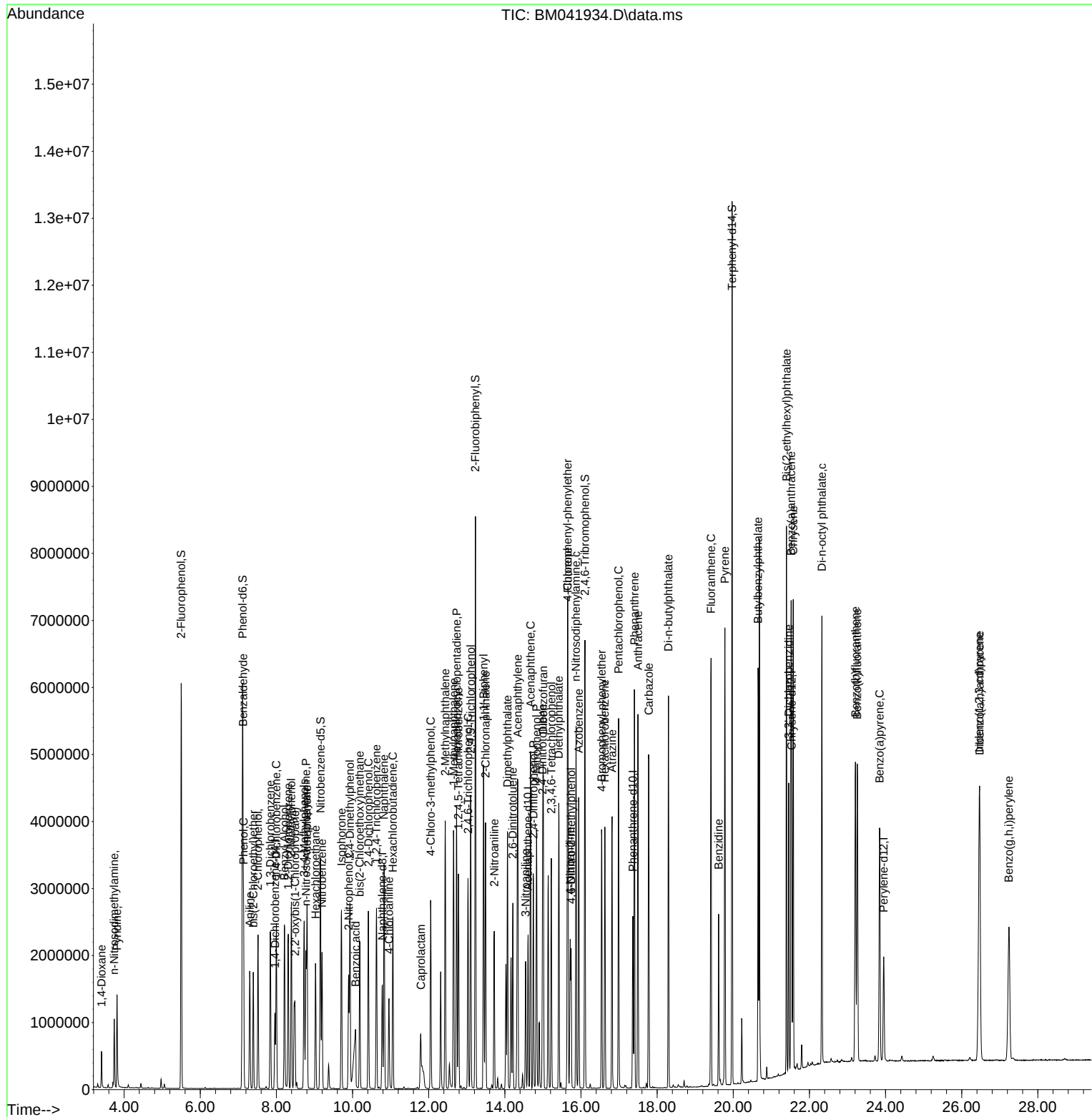
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	737989	42.459	ng	98
46) 1,1'-Biphenyl	13.439	154	2425038	43.678	ng	99
47) 2-Chloronaphthalene	13.492	162	1840539	45.520	ng	100
48) 2-Nitroaniline	13.722	65	632629	43.787	ng	99
49) Acenaphthylene	14.339	152	2994493	44.626	ng	99
50) Dimethylphthalate	14.069	163	2356025	42.351	ng	99
51) 2,6-Dinitrotoluene	14.210	165	507772	43.070	ng	99
52) Acenaphthene	14.674	154	1731754	42.909	ng	100
53) 3-Nitroaniline	14.545	138	420686	31.881	ng	97
54) 2,4-Dinitrophenol	14.751	184	613269	83.291	ng	99
55) Dibenzofuran	15.010	168	2764678	42.437	ng	100
56) 4-Nitrophenol	14.833	139	910512	87.003	ng	98
57) 2,4-Dinitrotoluene	14.992	165	682674	43.767	ng	99
58) Fluorene	15.657	166	2196133	42.759	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	633715	44.420	ng	99
60) Diethylphthalate	15.416	149	2298717	41.539	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	1131879	42.007	ng	99
62) 4-Nitroaniline	15.716	138	499275	39.347	ng	98
63) Azobenzene	15.939	77	2392742	42.650	ng	98
65) 4,6-Dinitro-2-methylph...	15.739	198	382665	43.565	ng	98
66) n-Nitrosodiphenylamine	15.868	169	1957663	45.314	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	676565	42.921	ng	100
68) Hexachlorobenzene	16.627	284	779343	46.696	ng	96
69) Atrazine	16.815	200	679731	50.455	ng	99
70) Pentachlorophenol	16.986	266	916391	72.672	ng	99
71) Phenanthrene	17.404	178	3399940	44.567	ng	100
72) Anthracene	17.498	178	3440381	44.208	ng	100
73) Carbazole	17.780	167	3163354	44.330	ng	99
74) Di-n-butylphthalate	18.298	149	3955704	43.180	ng	100
75) Fluoranthene	19.415	202	3837961	42.852	ng	100
77) Benzidine	19.615	184	1222298	48.030	ng	100
78) Pyrene	19.780	202	3964020	45.694	ng	100
80) Butylbenzylphthalate	20.651	149	1702559	44.126	ng	100
81) Benzo(a)anthracene	21.521	228	3605239	44.337	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1157831	40.432	ng	99
83) Chrysene	21.574	228	3281595	43.056	ng	100
84) Bis(2-ethylhexyl)phtha...	21.398	149	2483545	43.389	ng	100
85) Di-n-octyl phthalate	22.327	149	4229913	43.901	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	3308511	47.002	ng	100
88) Benzo(b)fluoranthene	23.209	252	3326207	48.325	ng	100
89) Benzo(k)fluoranthene	23.256	252	3114470	45.790	ng	99
90) Benzo(a)pyrene	23.844	252	2772851	42.933	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	2796377	47.653	ng	99
92) Benzo(g,h,i)perylene	27.238	276	2648835	47.242	ng	98

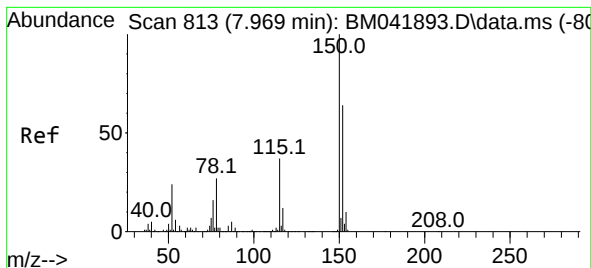
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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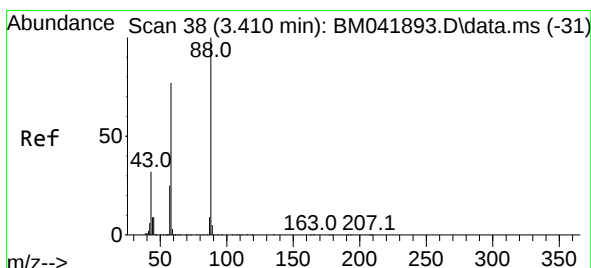
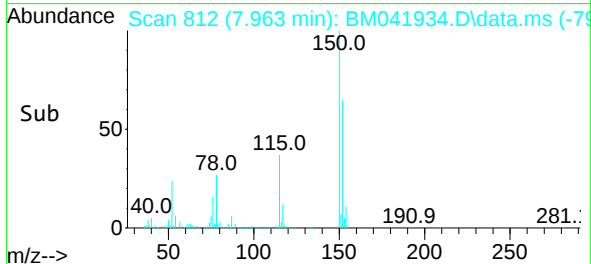
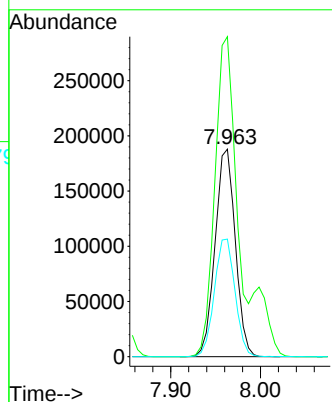
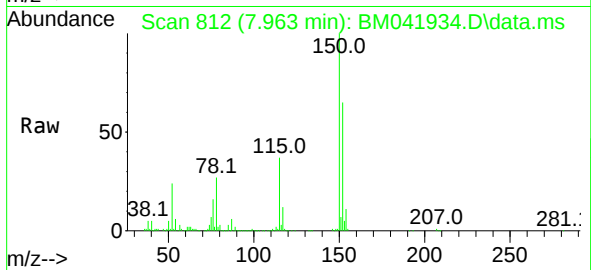




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041934.D
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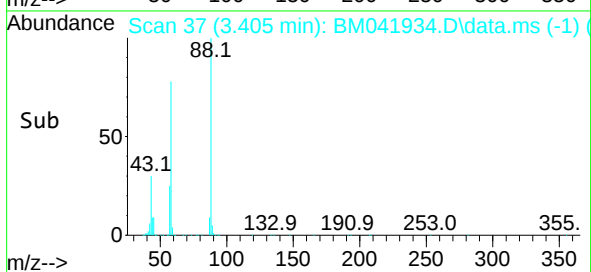
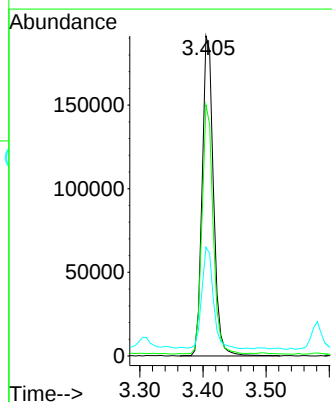
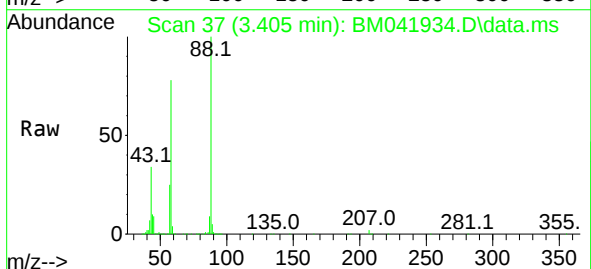
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ClientSampleId :
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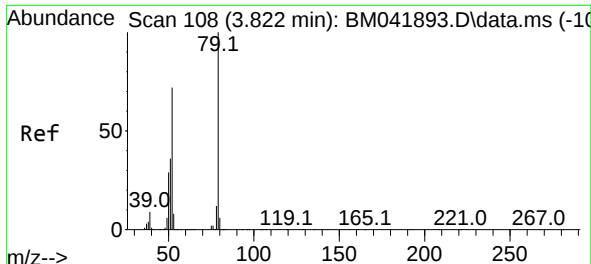
Tgt Ion:152 Resp: 294381
Ion Ratio Lower Upper
152 100
150 154.2 125.9 188.9
115 56.7 46.8 70.2



#2
1,4-Dioxane
Concen: 32.961 ng
RT: 3.405 min Scan# 37
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 88 Resp: 237617
Ion Ratio Lower Upper
88 100
58 76.2 62.4 93.6
43 32.6 25.8 38.6

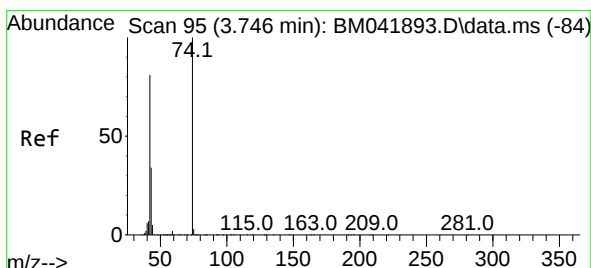
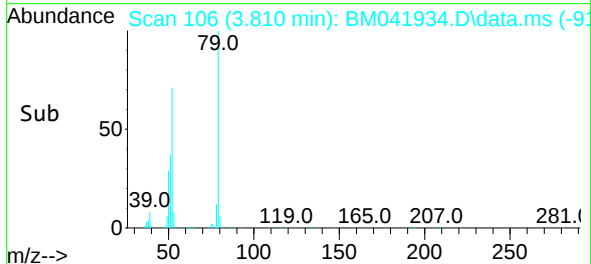
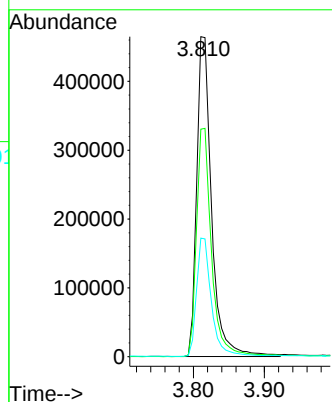
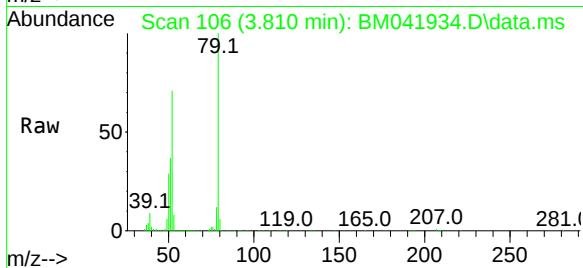




#3
Pyridine
Concen: 30.293 ng
RT: 3.810 min Scan# 108
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

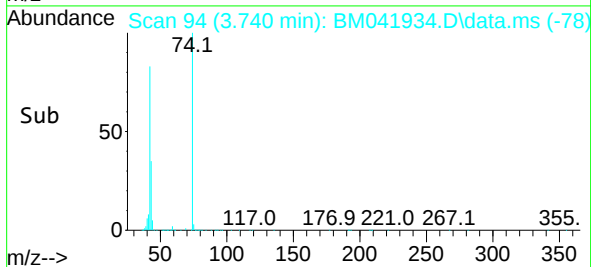
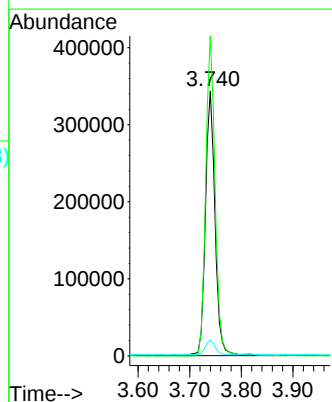
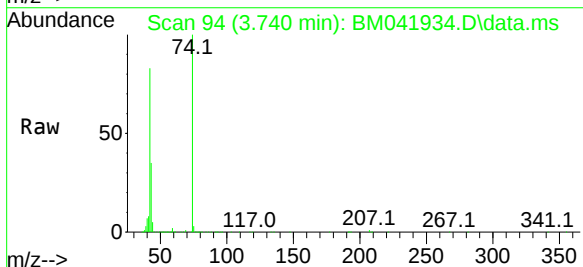
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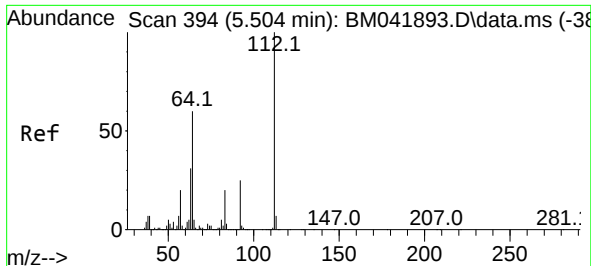
Tgt Ion: 79 Resp: 678395
Ion Ratio Lower Upper
79 100
52 71.1 57.2 85.8
51 37.1 28.9 43.3



#4
n-Nitrosodimethylamine
Concen: 41.488 ng
RT: 3.740 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 42 Resp: 441635
Ion Ratio Lower Upper
42 100
74 120.8 98.8 148.2
44 6.1 5.1 7.7

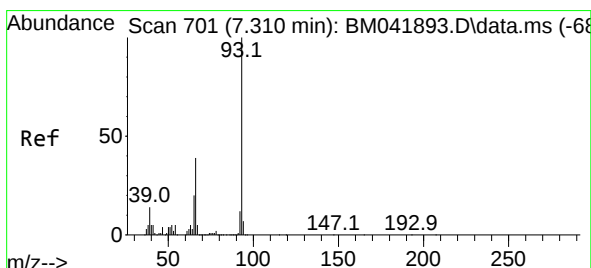
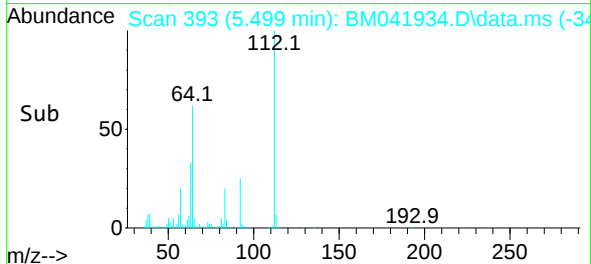
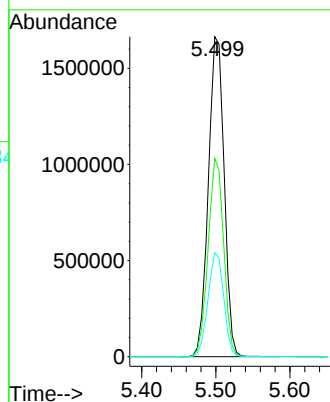
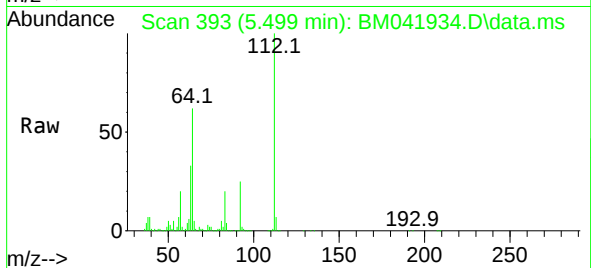




#5
2-Fluorophenol
Concen: 139.399 ng
RT: 5.499 min Scan# 394
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

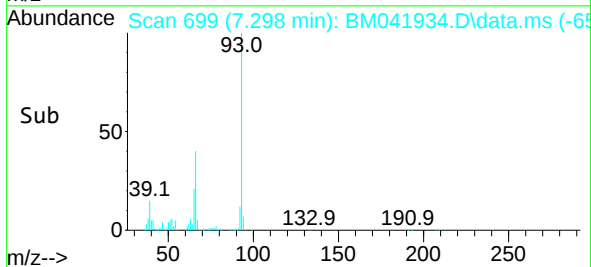
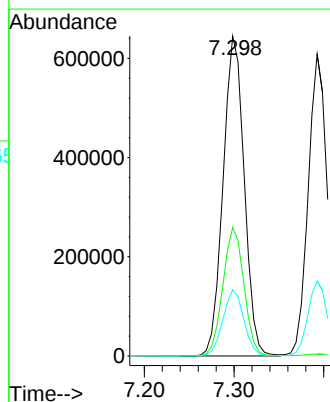
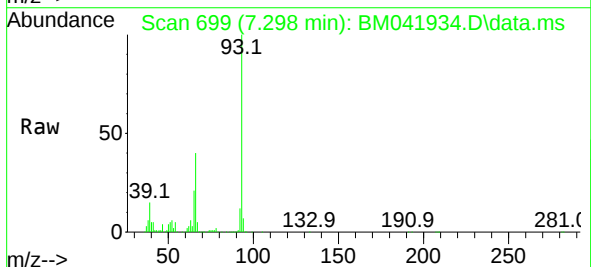
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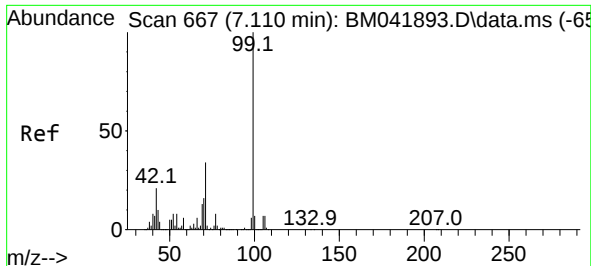
Tgt Ion:112 Resp: 2463766
Ion Ratio Lower Upper
112 100
64 62.0 48.1 72.1
63 32.5 25.0 37.6



#6
Aniline
Concen: 32.388 ng
RT: 7.298 min Scan# 699
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 93 Resp: 1052991
Ion Ratio Lower Upper
93 100
66 40.1 31.4 47.2
65 20.7 16.2 24.4

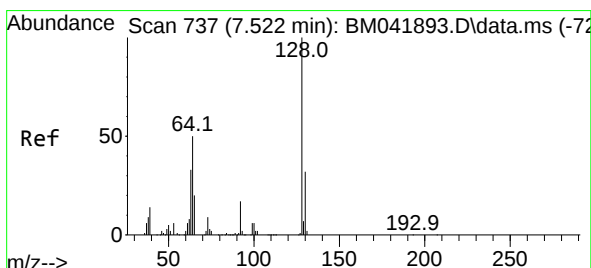
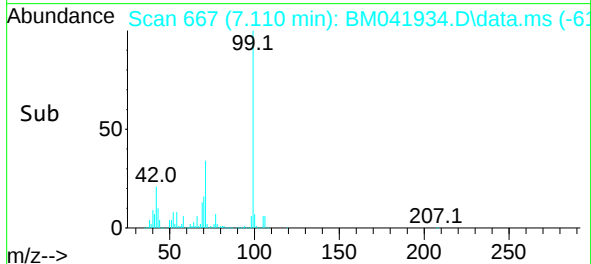
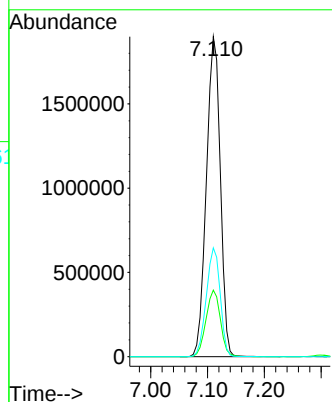
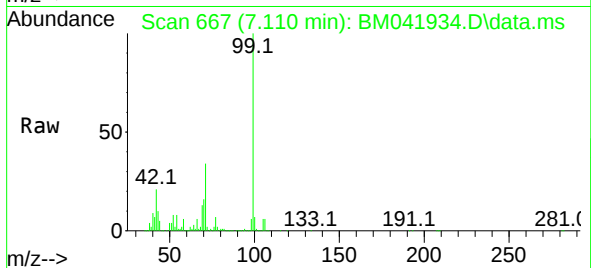




#7
Phenol-d6
Concen: 131.417 ng
RT: 7.110 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM041934.D
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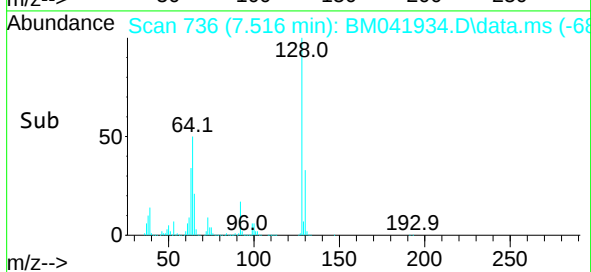
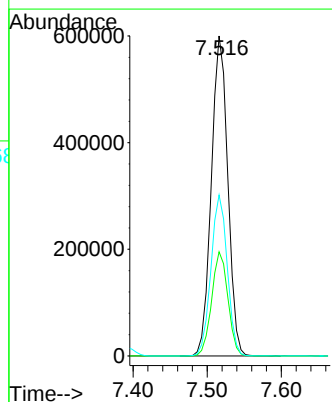
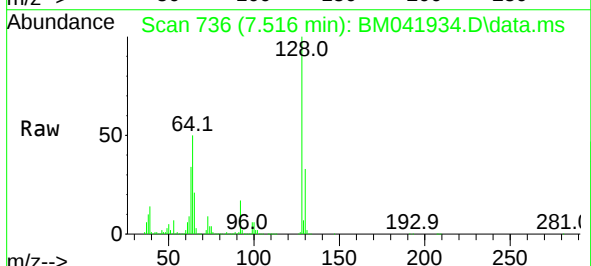
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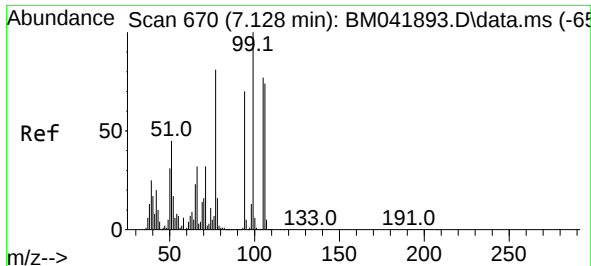
Tgt Ion: 99 Resp: 3224969
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 34.0 26.8 40.2



#8
2-Chlorophenol
Concen: 46.957 ng
RT: 7.516 min Scan# 736
Delta R.T. -0.006 min
Lab File: BM041934.D
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Tgt Ion:128 Resp: 923987
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 50.3 31.7 71.7

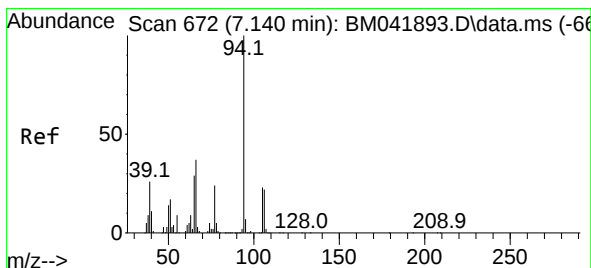
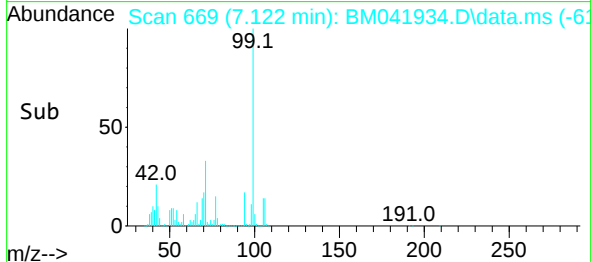
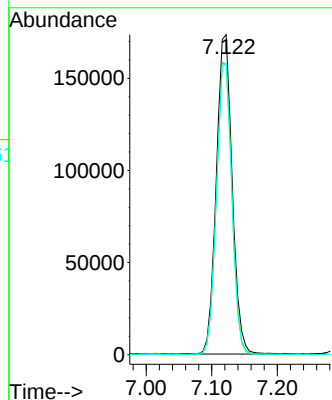
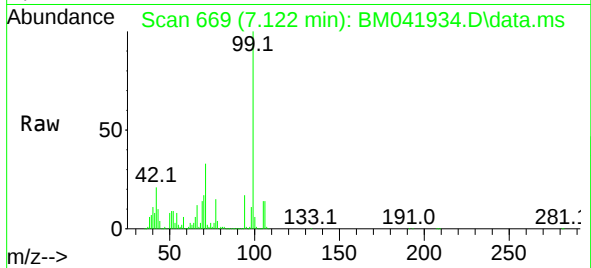




#9
Benzaldehyde
Concen: 21.034 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
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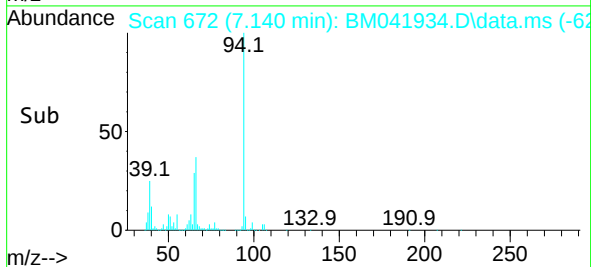
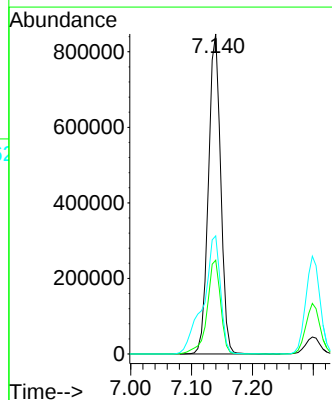
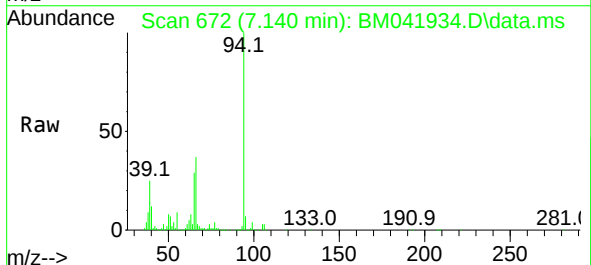
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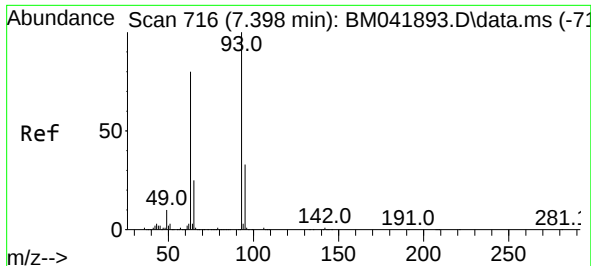
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Ion Ratio Lower Upper
77 100
105 90.6 75.1 115.1
106 91.1 71.6 111.6



#10
Phenol
Concen: 47.102 ng
RT: 7.140 min Scan# 672
Delta R.T. -0.000 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 94 Resp: 1186462
Ion Ratio Lower Upper
94 100
65 29.3 9.1 49.1
66 36.9 17.3 57.3

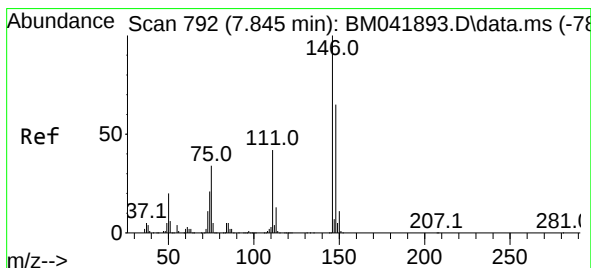
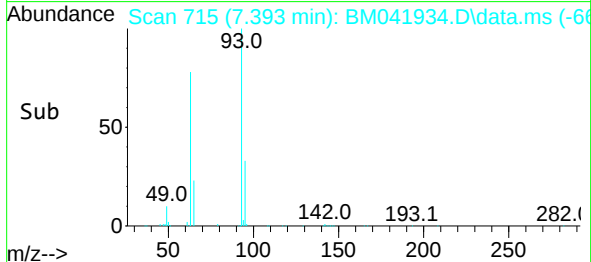
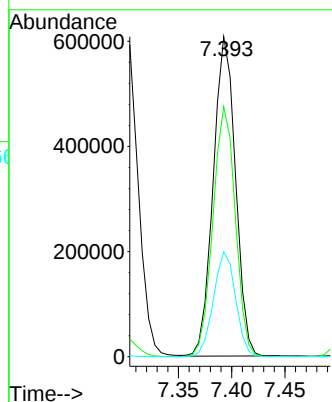
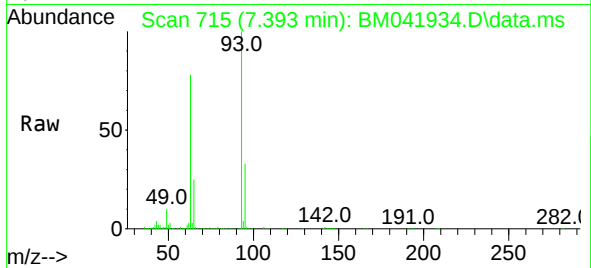




#11
bis(2-Chloroethyl)ether
Concen: 41.994 ng
RT: 7.393 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

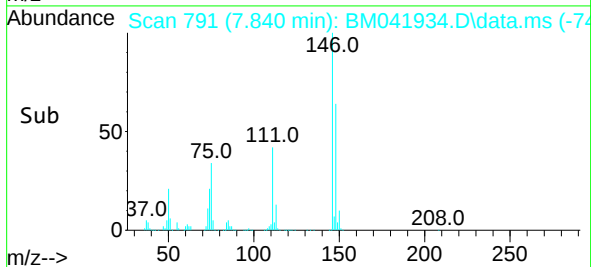
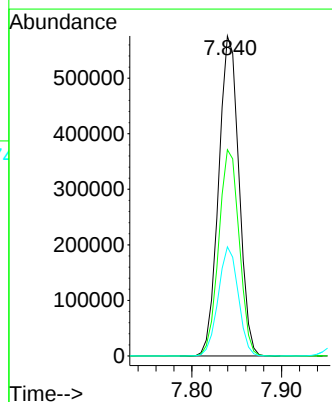
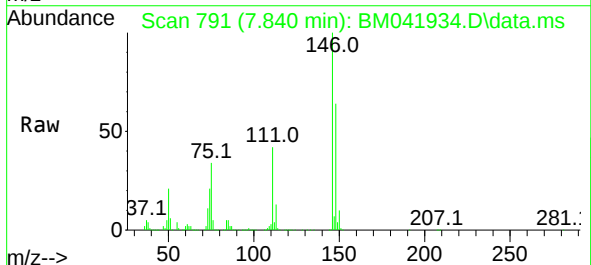
Instrument :
BNA_M
ClientSampleId :
PB155456BS

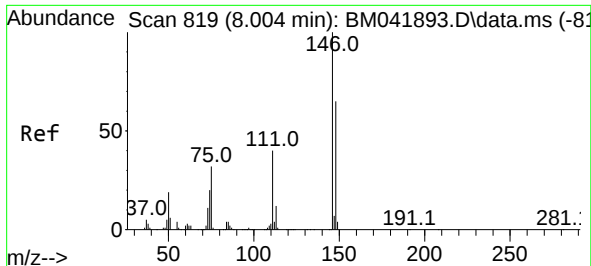
Tgt Ion: 93 Resp: 882363
Ion Ratio Lower Upper
93 100
63 78.1 59.5 99.5
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.035 ng
RT: 7.840 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 146 Resp: 904181
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
75 34.1 27.2 40.8

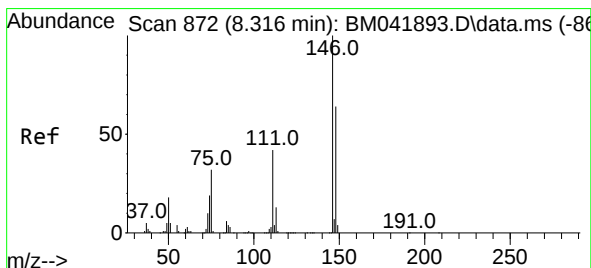
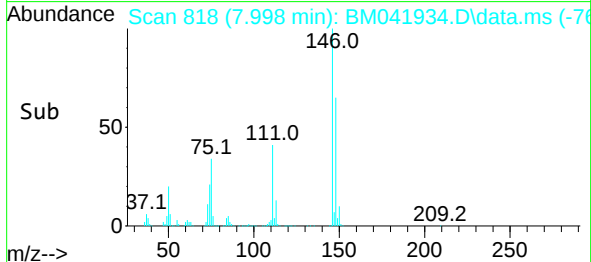
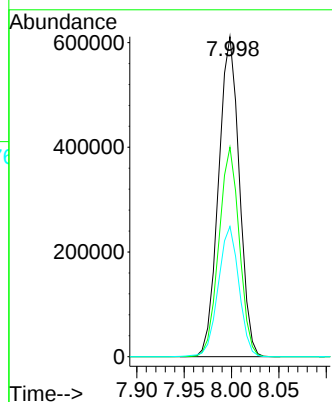
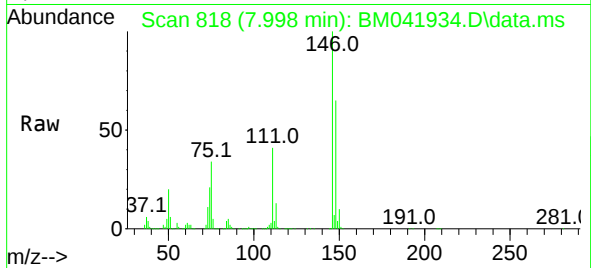




#13
1,4-Dichlorobenzene
Concen: 43.643 ng
RT: 7.998 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

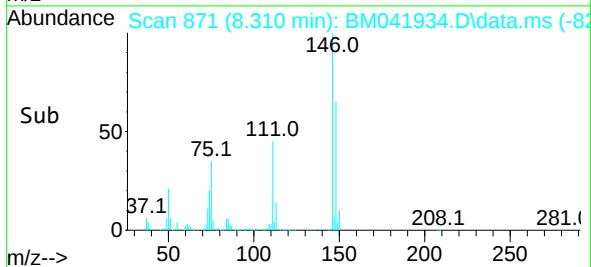
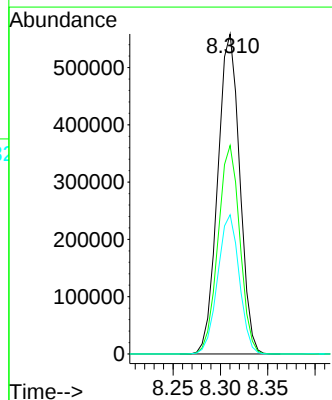
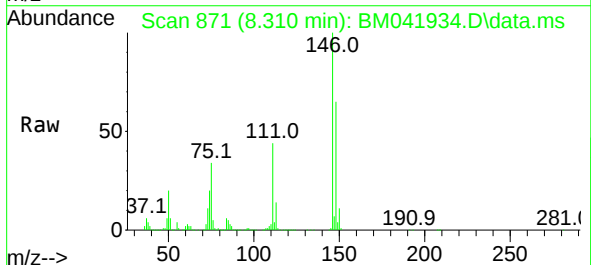
Instrument :
BNA_M
ClientSampleId :
PB155456BS

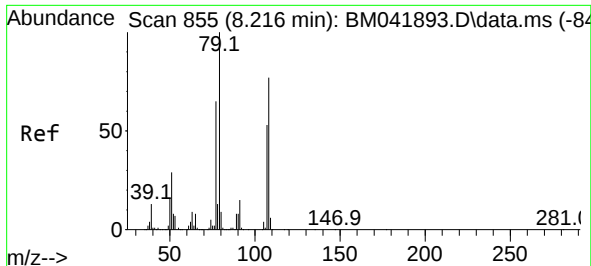
Tgt Ion:146 Resp: 931734
Ion Ratio Lower Upper
146 100
148 65.4 51.9 77.9
111 40.7 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 43.963 ng
RT: 8.310 min Scan# 871
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:146 Resp: 902166
Ion Ratio Lower Upper
146 100
148 65.2 51.5 77.3
111 43.5 34.0 51.0

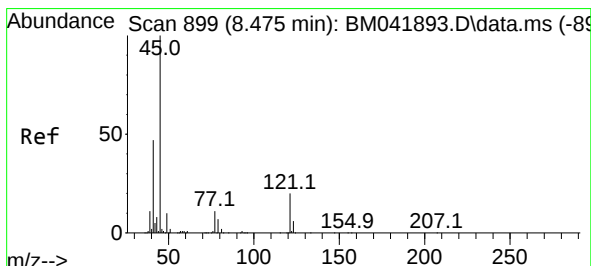
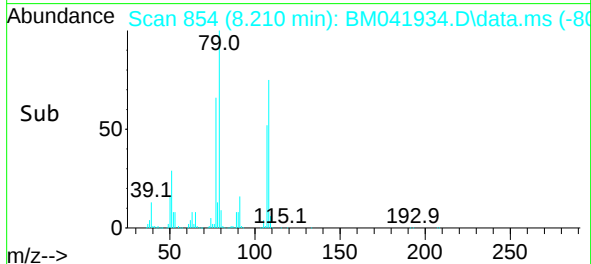
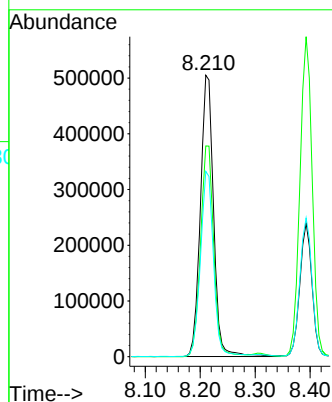
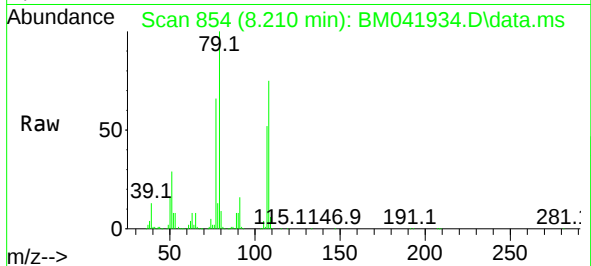




#15
Benzyl Alcohol
Concen: 43.477 ng
RT: 8.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

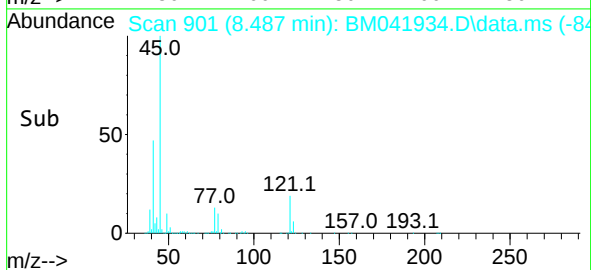
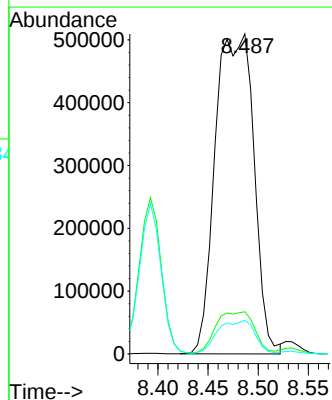
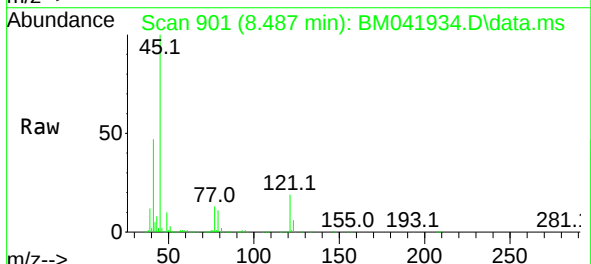
Instrument :
BNA_M
ClientSampleId :
PB155456BS

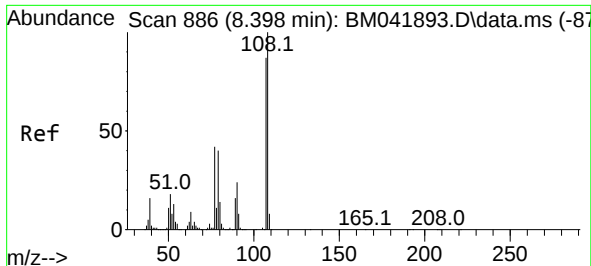
Tgt Ion: 79 Resp: 842319
Ion Ratio Lower Upper
79 100
108 74.9 61.4 92.0
77 65.9 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.344 ng
RT: 8.487 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 45 Resp: 1360709
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.4
79 10.5 0.0 29.6





#17

2-Methylphenol

Concen: 42.468 ng

RT: 8.392 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

Tgt Ion:107 Resp: 777866

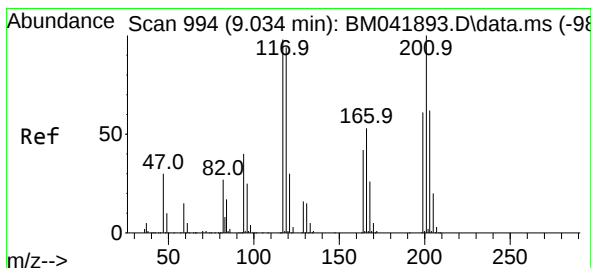
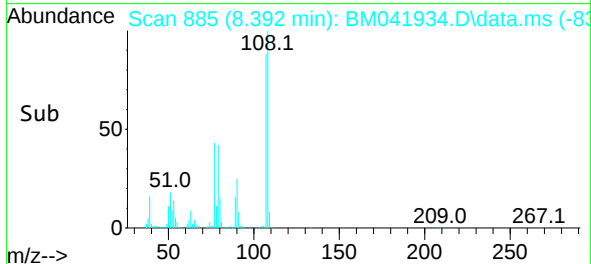
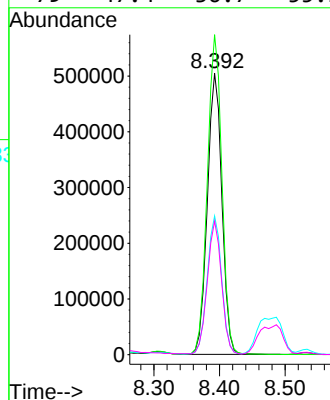
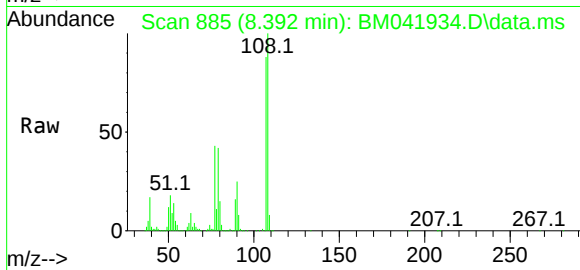
Ion Ratio Lower Upper

107 100

108 113.7 91.9 137.9

77 49.3 39.0 58.6

79 47.4 36.7 55.1



#18

Hexachloroethane

Concen: 42.842 ng

RT: 9.028 min Scan# 993

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

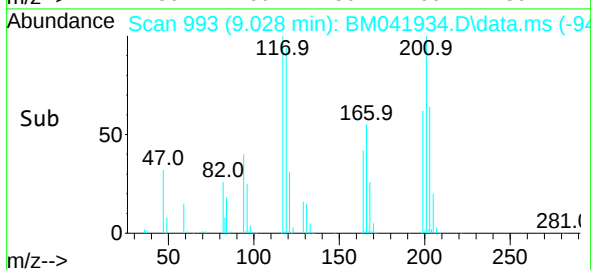
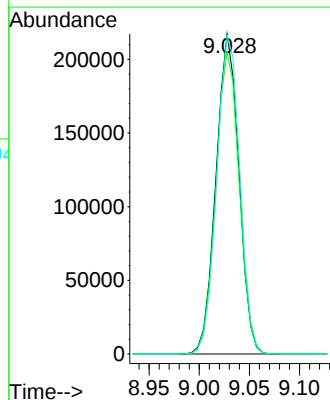
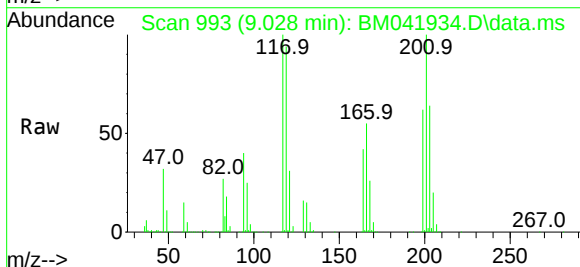
Tgt Ion:117 Resp: 343787

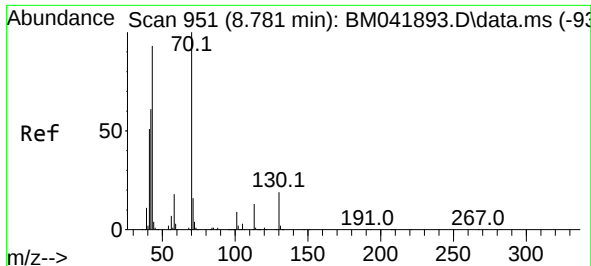
Ion Ratio Lower Upper

117 100

119 94.3 77.2 115.8

201 99.6 81.9 122.9

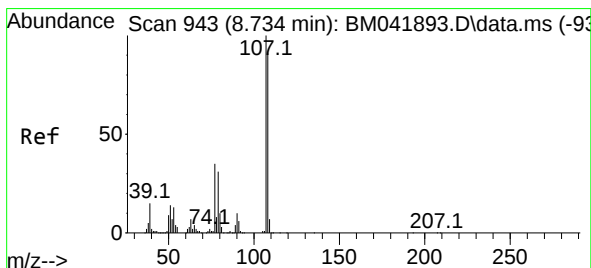
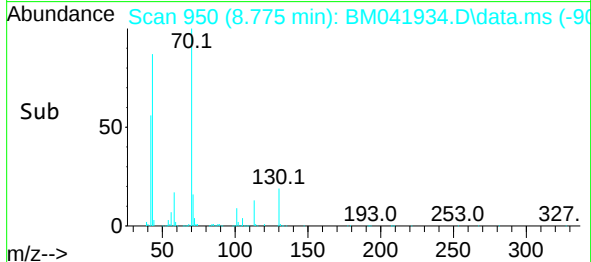
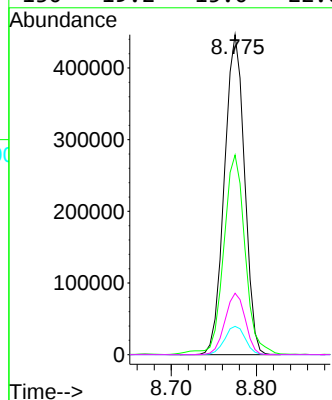
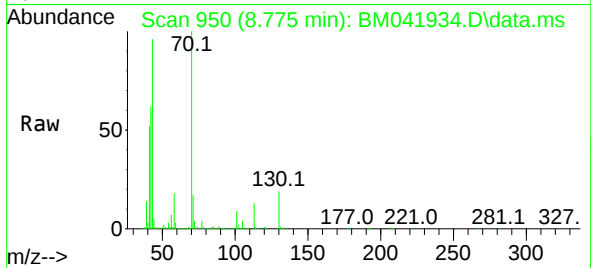




#19
n-Nitroso-di-n-propylamine
Concen: 40.285 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

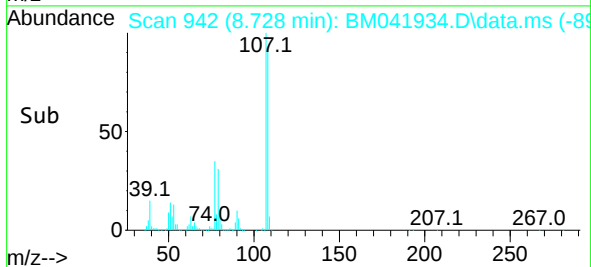
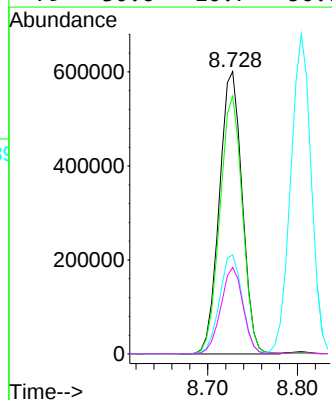
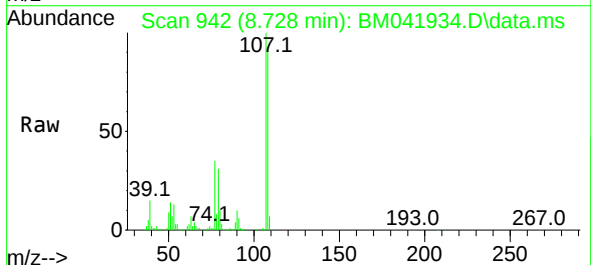
Instrument :
BNA_M
ClientSampleId :
PB155456BS

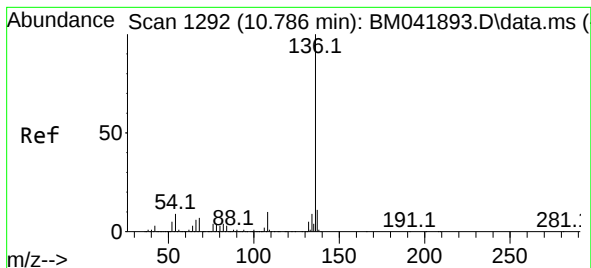
Tgt Ion: 70 Resp: 734884
Ion Ratio Lower Upper
70 100
42 62.4 49.2 73.8
101 8.8 7.0 10.6
130 19.2 15.0 22.6



#20
3+4-Methylphenols
Concen: 42.106 ng
RT: 8.728 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 107 Resp: 1058585
Ion Ratio Lower Upper
107 100
108 91.3 71.5 111.5
77 35.1 14.9 54.9
79 30.6 10.7 50.7

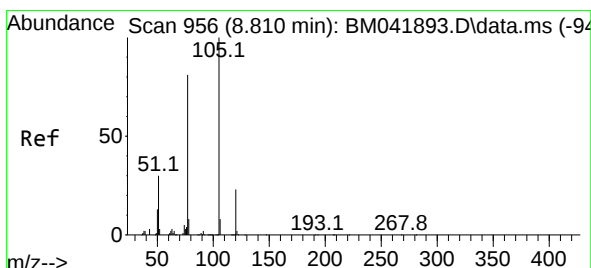
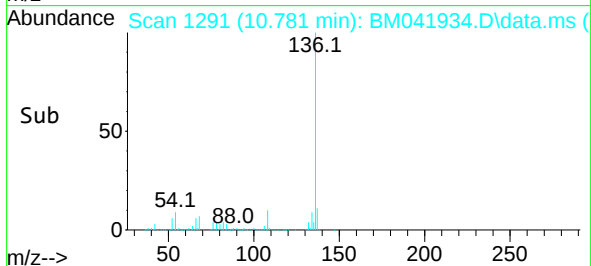
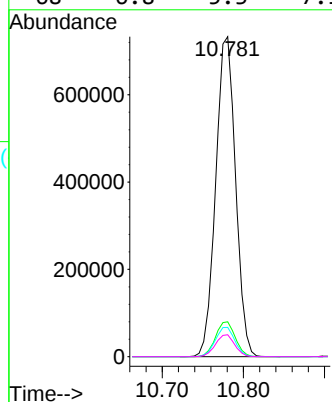
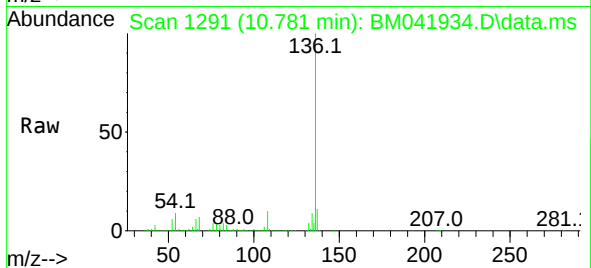




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

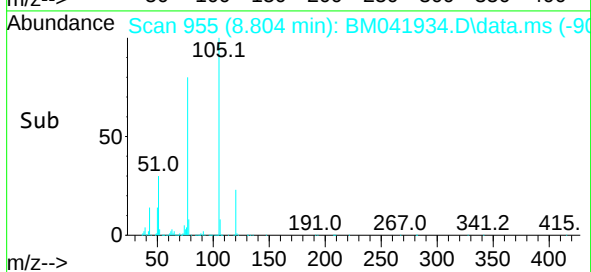
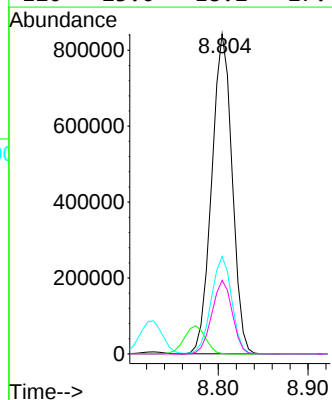
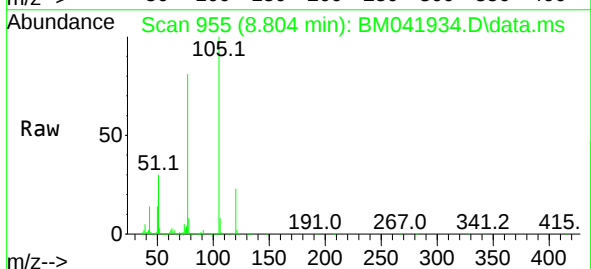
Instrument :
BNA_M
ClientSampleId :
PB155456BS

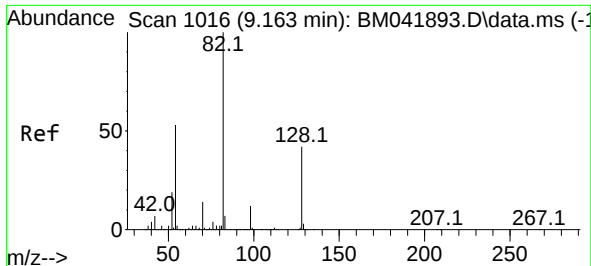
Tgt Ion:136 Resp: 1245129
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.1 7.0 10.4
68 6.8 5.3 7.9



#22
Acetophenone
Concen: 42.709 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:105 Resp: 1329369
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 30.4 24.3 36.5
120 23.0 18.2 27.4

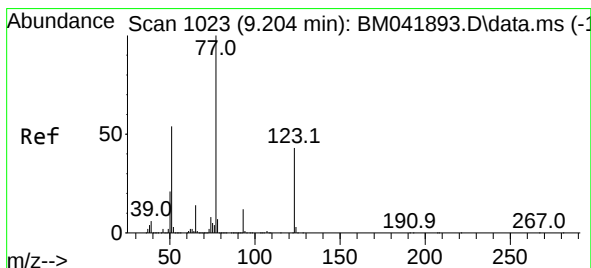
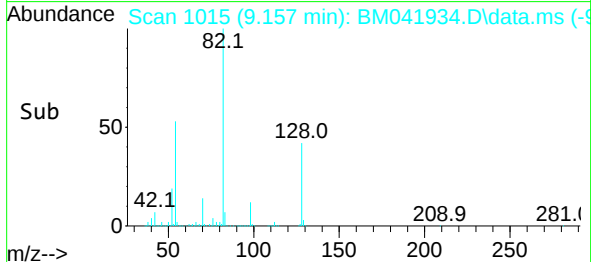
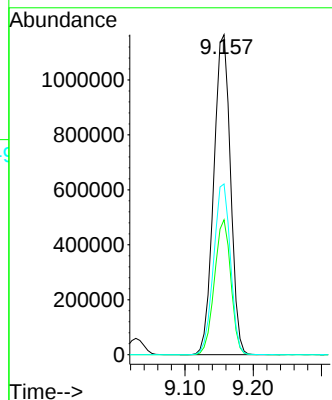
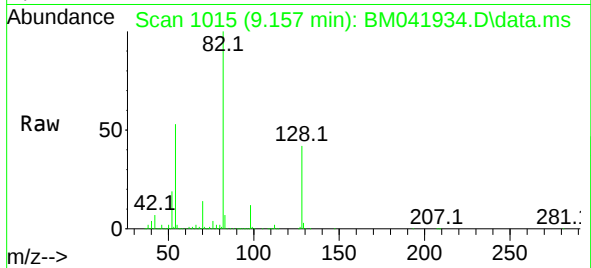




#23
Nitrobenzene-d5
Concen: 81.606 ng
RT: 9.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

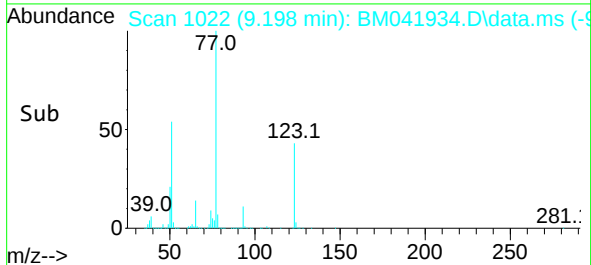
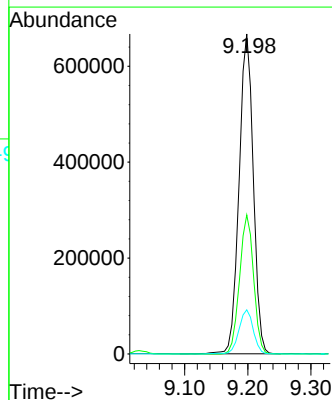
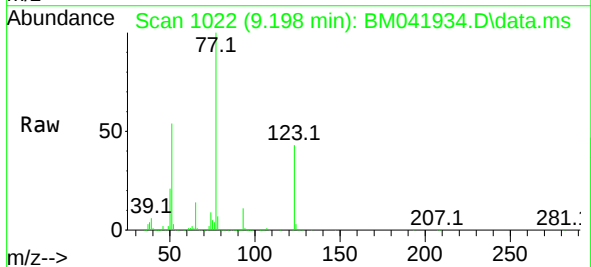
Instrument :
BNA_M
ClientSampleId :
PB155456BS

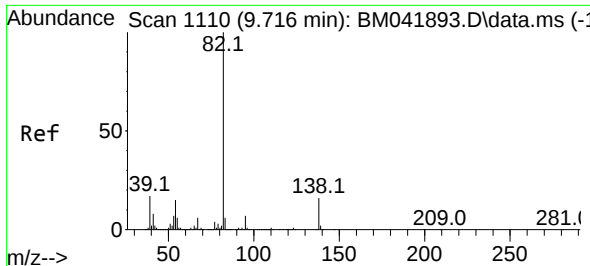
Tgt Ion: 82 Resp: 1995664
Ion Ratio Lower Upper
82 100
128 42.2 33.8 50.6
54 53.4 42.8 64.2



#24
Nitrobenzene
Concen: 43.000 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 77 Resp: 1043750
Ion Ratio Lower Upper
77 100
123 43.4 34.6 52.0
65 13.8 11.1 16.7

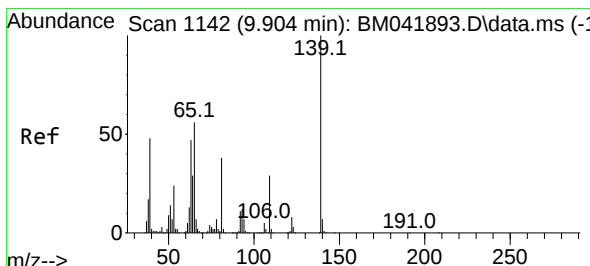
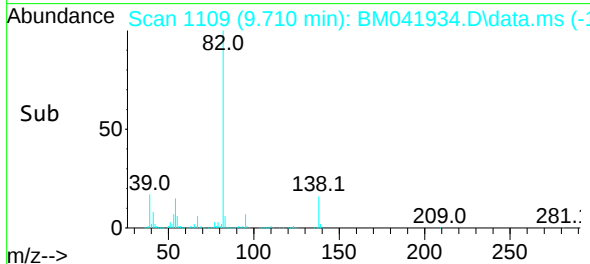
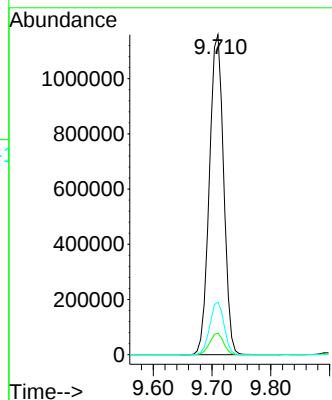
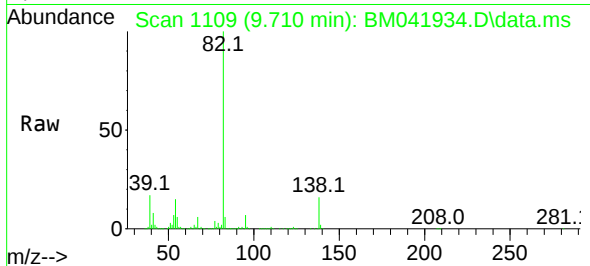




#25
Isophorone
Concen: 40.525 ng
RT: 9.710 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

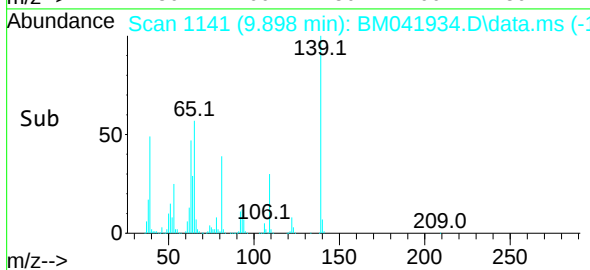
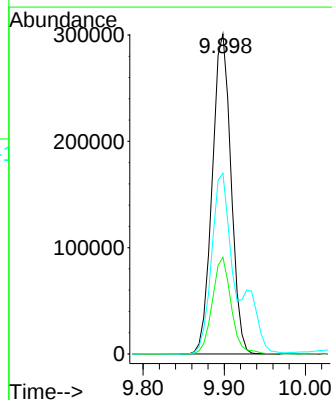
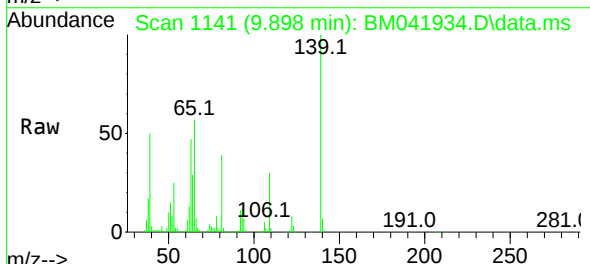
Instrument :
BNA_M
ClientSampleId :
PB155456BS

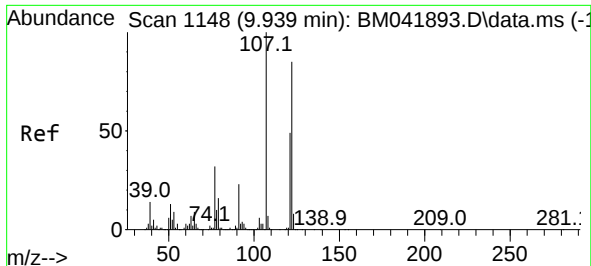
Tgt Ion: 82 Resp: 1956014
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.4 13.1 19.7



#26
2-Nitrophenol
Concen: 44.181 ng
RT: 9.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 139 Resp: 483019
Ion Ratio Lower Upper
139 100
109 30.2 23.0 34.4
65 56.5 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 43.183 ng

RT: 9.934 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM041934.D

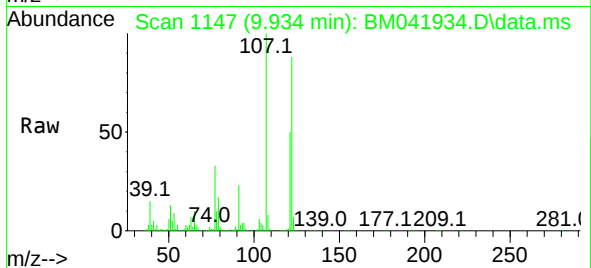
Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS



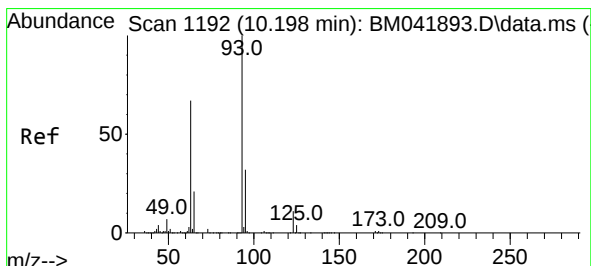
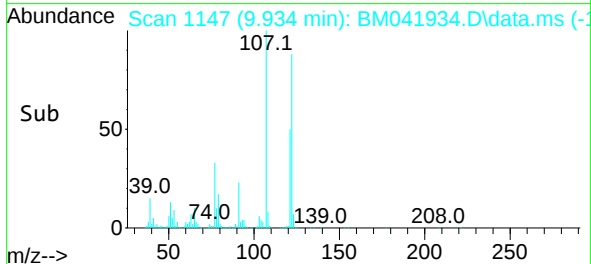
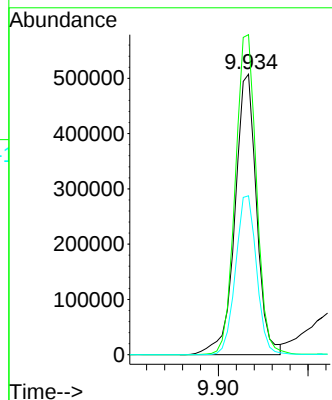
Tgt Ion:122 Resp: 849060

Ion Ratio Lower Upper

122 100

107 114.1 93.8 140.6

121 56.7 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.782 ng

RT: 10.186 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

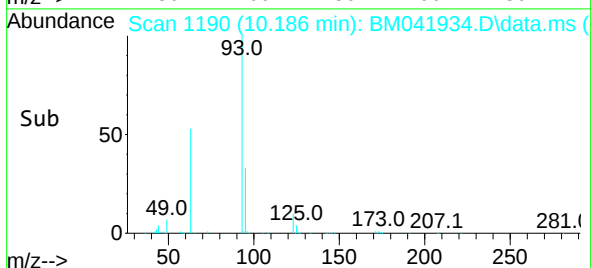
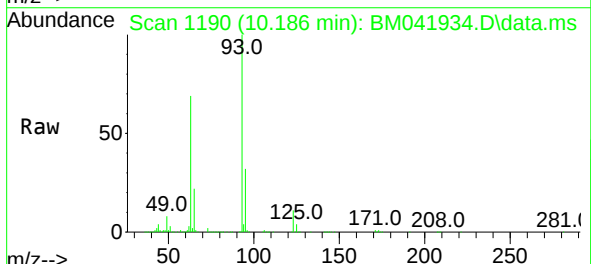
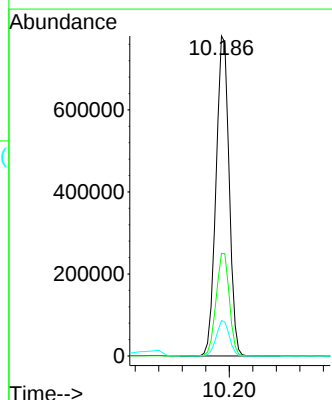
Tgt Ion: 93 Resp: 1206896

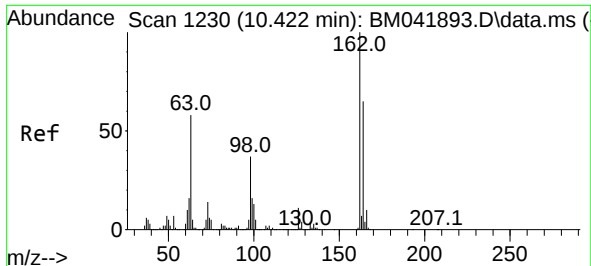
Ion Ratio Lower Upper

93 100

95 32.1 25.9 38.9

123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.436 ng

RT: 10.416 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

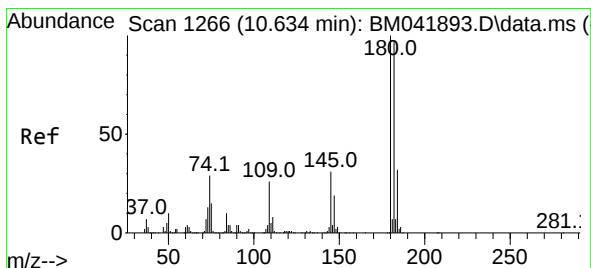
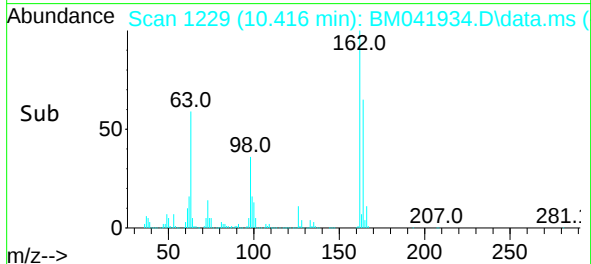
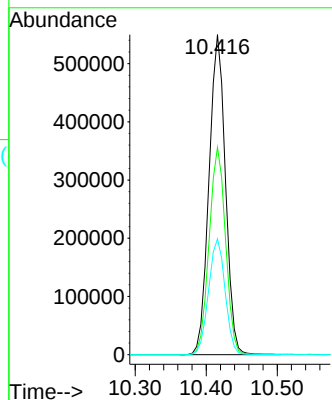
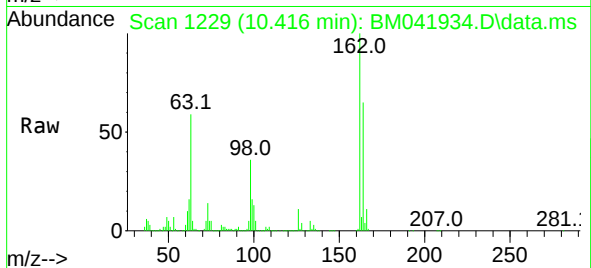
Tgt Ion:162 Resp: 883579

Ion Ratio Lower Upper

162 100

164 64.8 45.2 85.2

98 36.2 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 44.591 ng

RT: 10.628 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

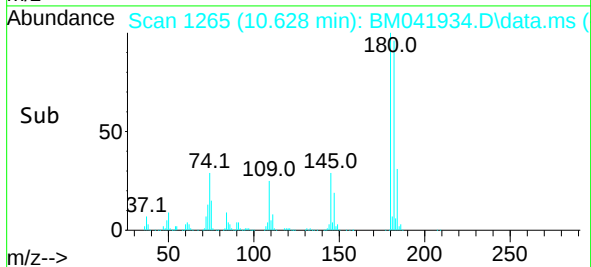
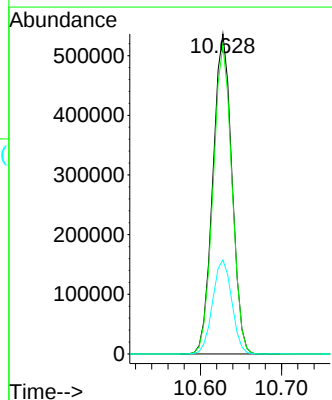
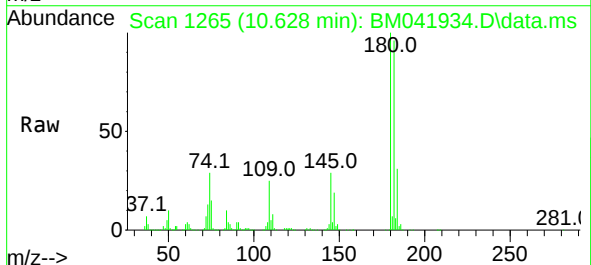
Tgt Ion:180 Resp: 871118

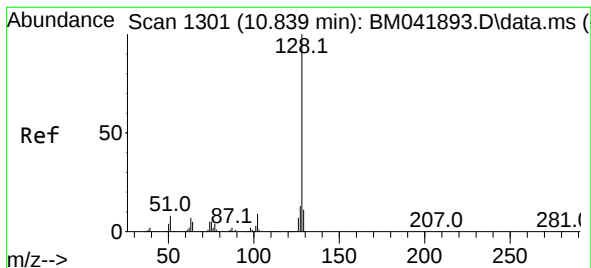
Ion Ratio Lower Upper

180 100

182 96.5 77.7 116.5

145 29.4 24.6 37.0

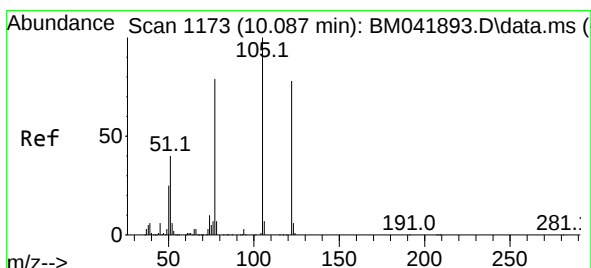
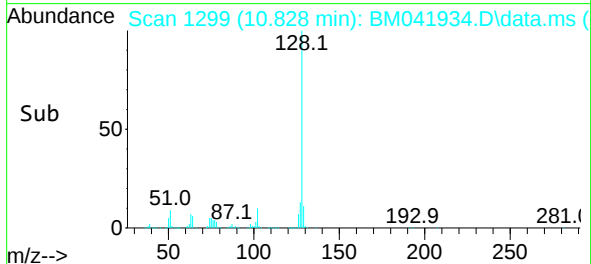
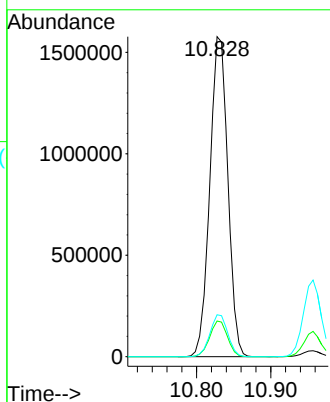
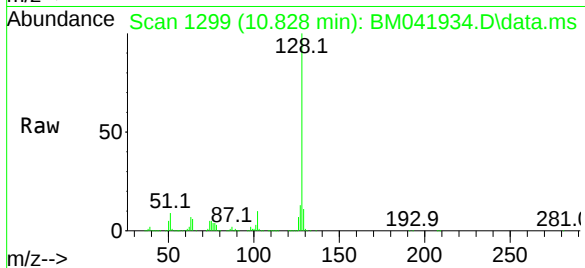




#31
Naphthalene
Concen: 42.426 ng
RT: 10.828 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

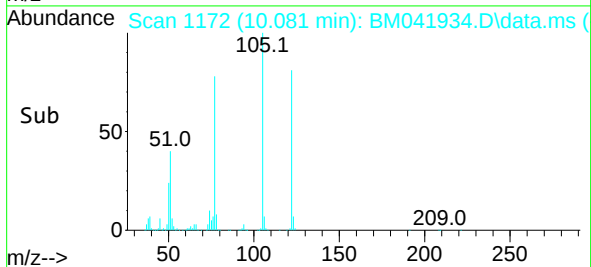
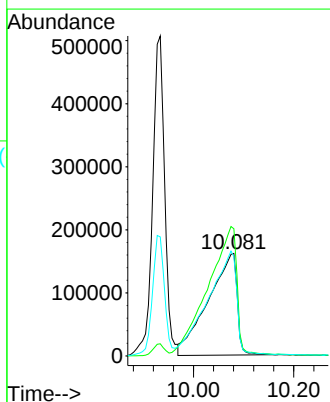
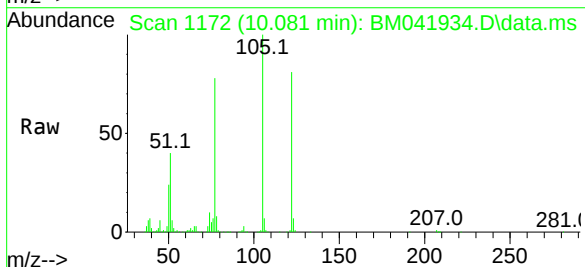
Instrument :
BNA_M
ClientSampleId :
PB155456BS

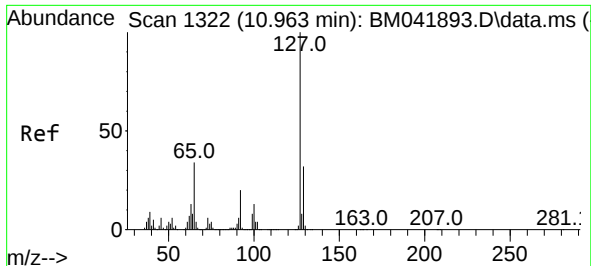
Tgt Ion:128 Resp: 2659419
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 41.490 ng
RT: 10.081 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:122 Resp: 642743
Ion Ratio Lower Upper
122 100
105 124.1 103.7 143.7
77 96.9 79.3 119.3

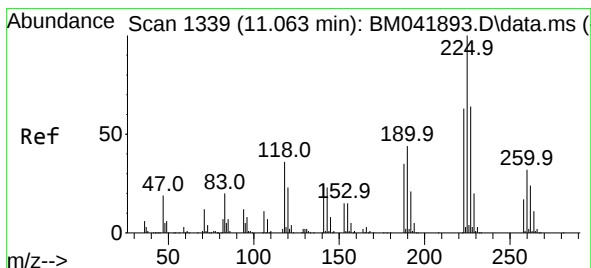
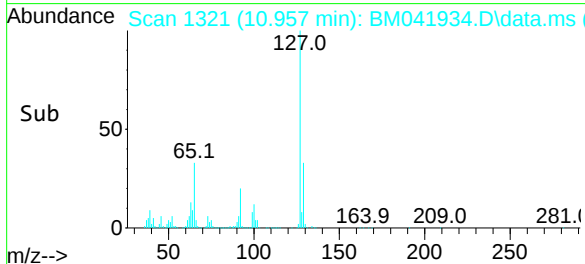
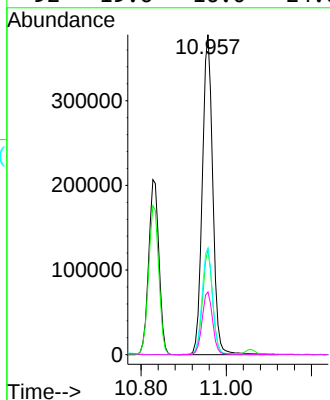
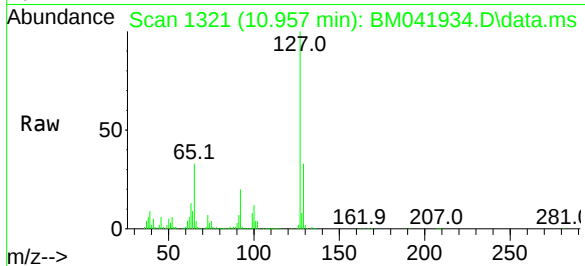




#33
4-Chloroaniline
Concen: 22.967 ng
RT: 10.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

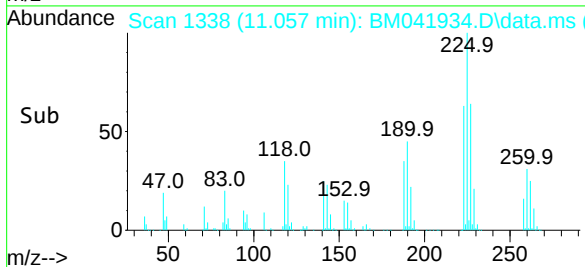
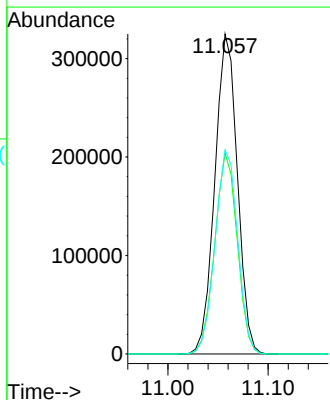
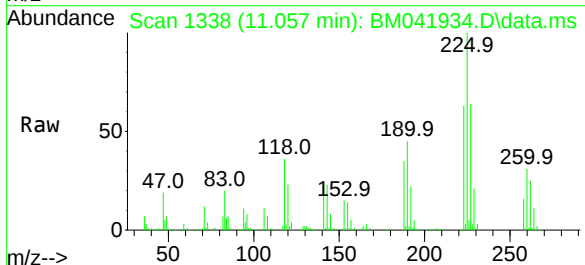
Instrument :
BNA_M
ClientSampleId :
PB155456BS

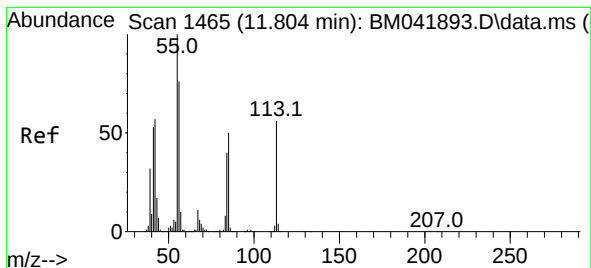
Tgt Ion:	127	Resp:	644368
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5
65	33.3	27.3	40.9
92	19.6	16.0	24.0



#34
Hexachlorobutadiene
Concen: 42.455 ng
RT: 11.057 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:	225	Resp:	506585
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	63.8	51.4	77.0

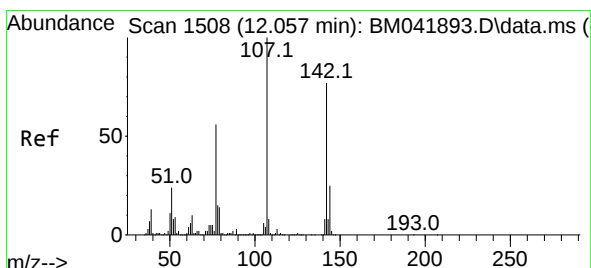
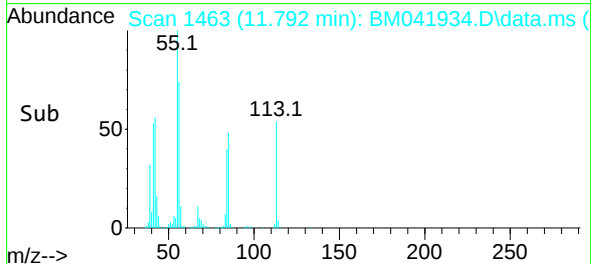
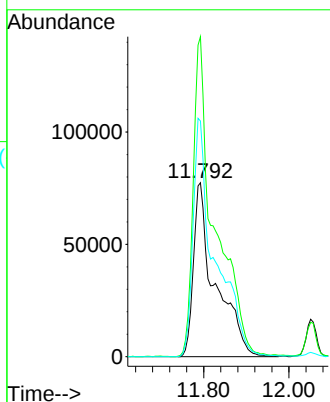
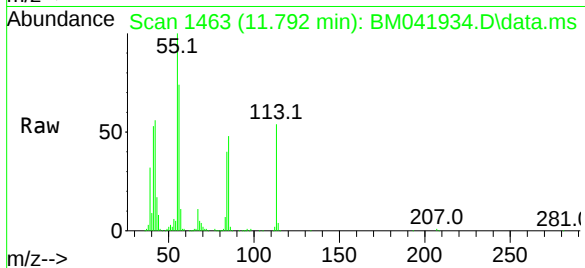




#35
 Caprolactam
 Concen: 40.217 ng
 RT: 11.792 min Scan# 1463
 Delta R.T. -0.012 min
 Lab File: BM041934.D
 Acq: 20 Sep 2023 12:24

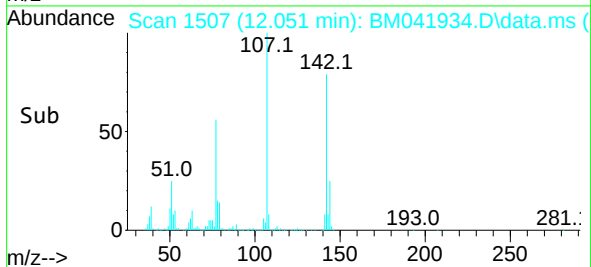
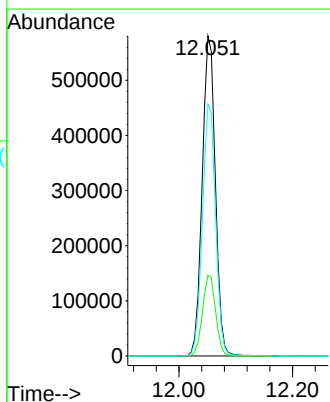
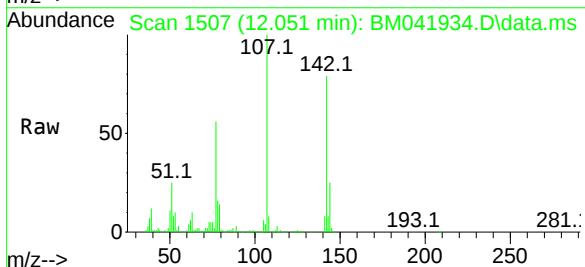
Instrument :
 BNA_M
 ClientSampleId :
 PB155456BS

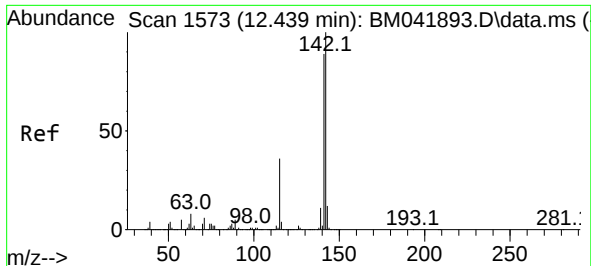
Tgt Ion:113 Resp: 273501
 Ion Ratio Lower Upper
 113 100
 55 184.0 158.5 198.5
 56 135.5 115.8 155.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.825 ng
 RT: 12.051 min Scan# 1507
 Delta R.T. -0.006 min
 Lab File: BM041934.D
 Acq: 20 Sep 2023 12:24

Tgt Ion:107 Resp: 929330
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.2 30.2
 142 78.7 61.7 92.5

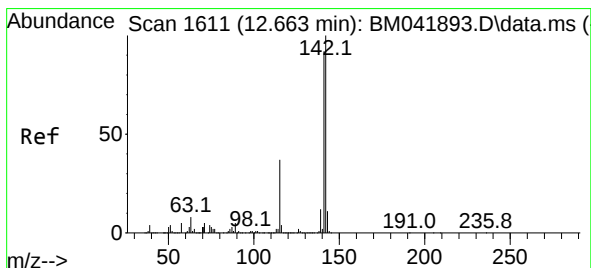
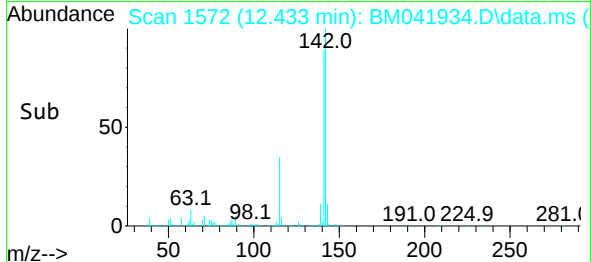
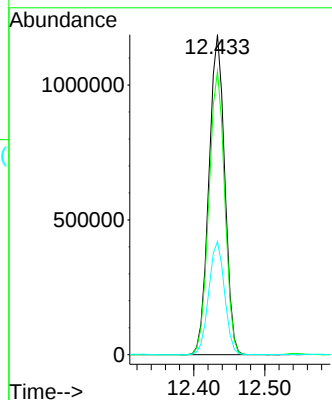
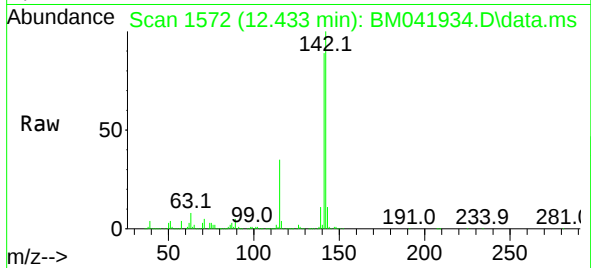




#37
2-Methylnaphthalene
Concen: 39.893 ng
RT: 12.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

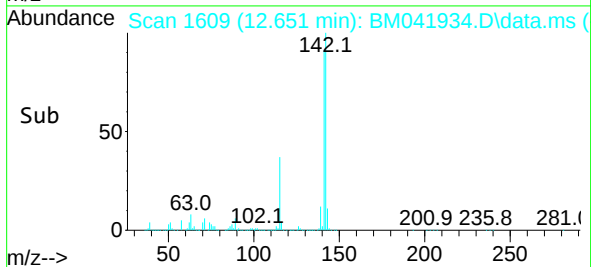
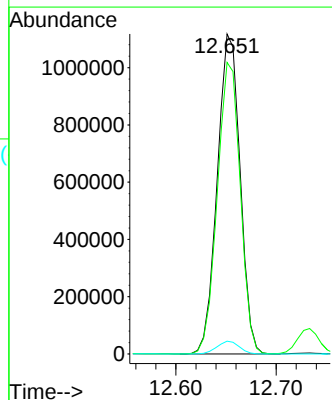
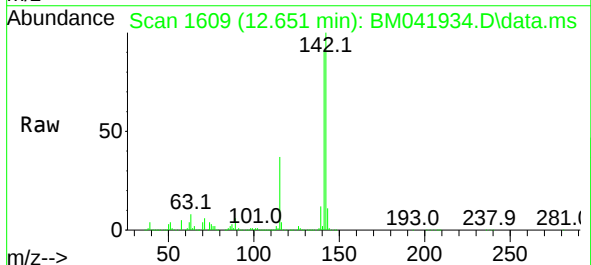
Instrument :
BNA_M
ClientSampleId :
PB155456BS

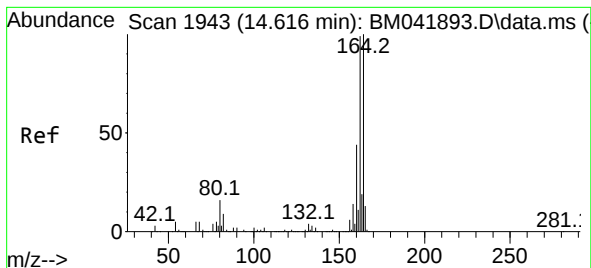
Tgt Ion:142 Resp: 1838622
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3
115 35.4 28.5 42.7



#38
1-Methylnaphthalene
Concen: 40.735 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:142 Resp: 1763281
Ion Ratio Lower Upper
142 100
141 91.1 73.8 110.6
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1942

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

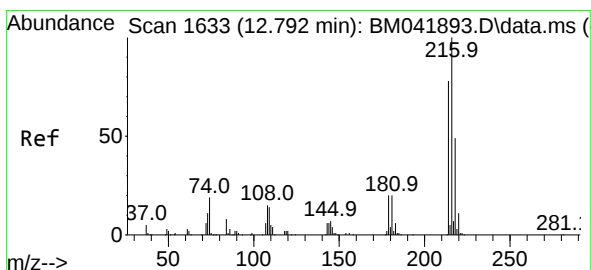
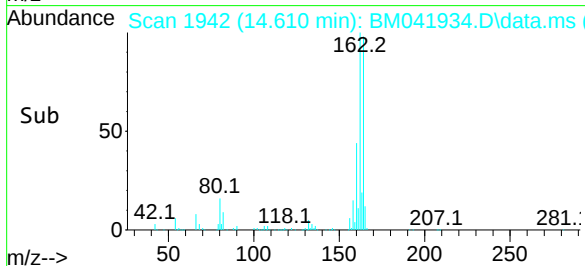
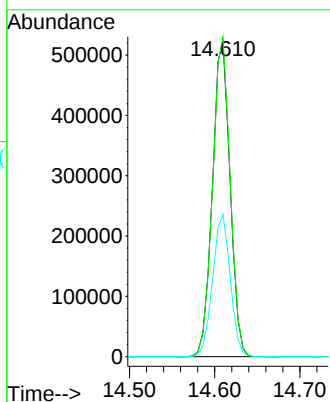
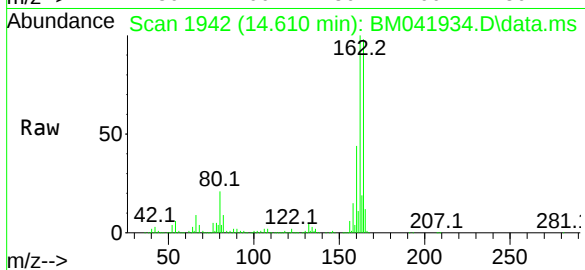
Tgt Ion:164 Resp: 752499

Ion Ratio Lower Upper

164 100

162 101.7 79.3 118.9

160 45.2 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.741 ng

RT: 12.780 min Scan# 1631

Delta R.T. -0.012 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Tgt Ion:216 Resp: 954565

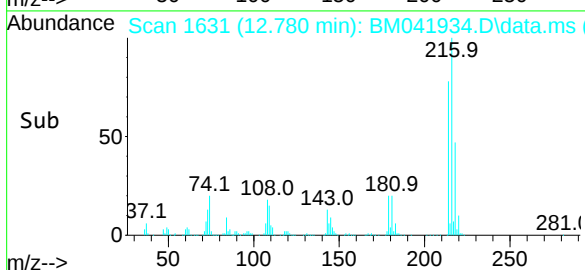
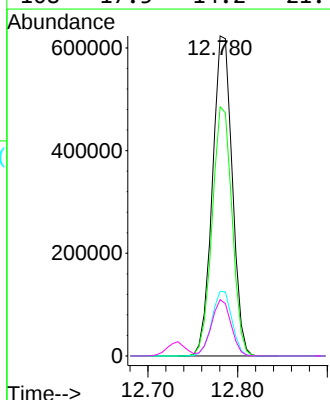
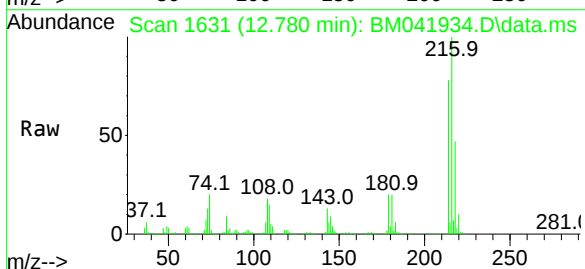
Ion Ratio Lower Upper

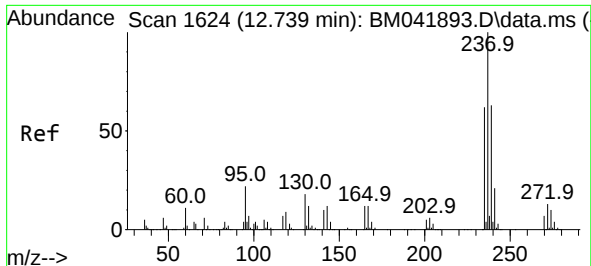
216 100

214 78.1 62.6 93.8

179 20.5 16.3 24.5

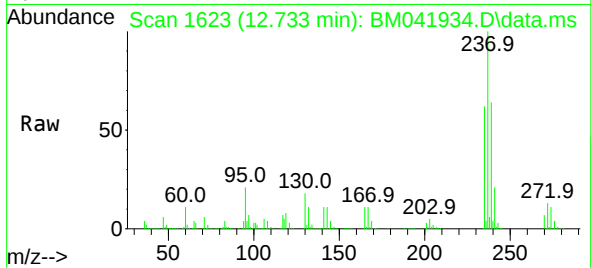
108 17.5 14.2 21.4



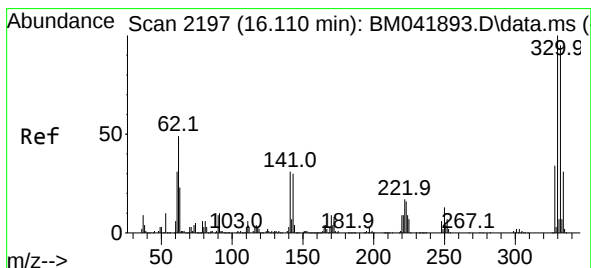
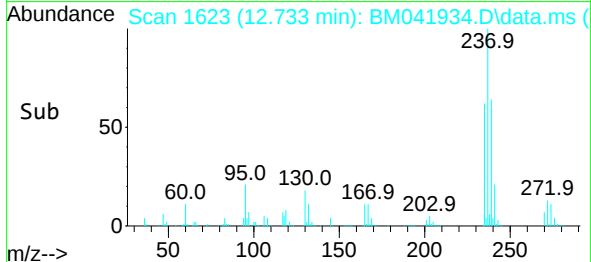
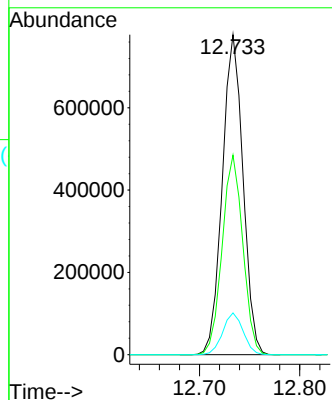


#41
Hexachlorocyclopentadiene
Concen: 90.740 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Instrument :
BNA_M
ClientSampleId :
PB155456BS

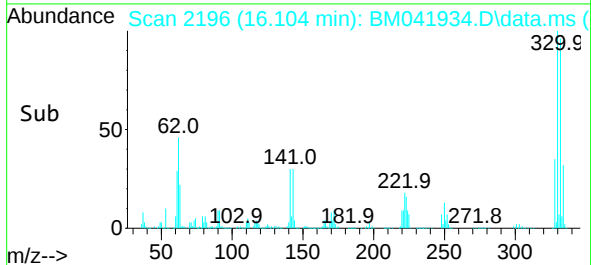
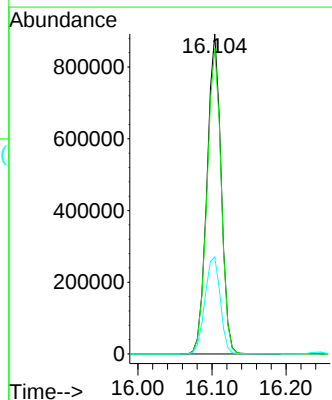
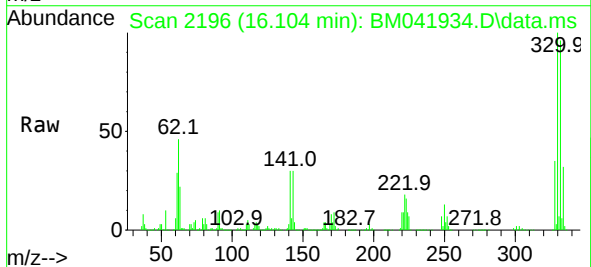


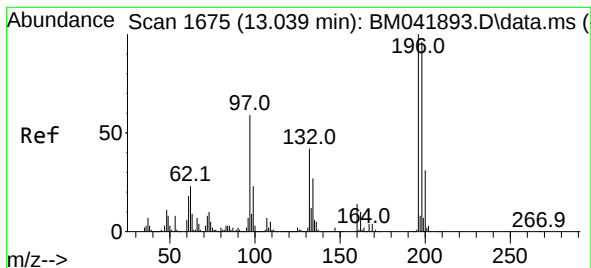
Tgt Ion:237 Resp: 1113456
Ion Ratio Lower Upper
237 100
235 62.3 42.0 82.0
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 125.282 ng
RT: 16.104 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:330 Resp: 1176264
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.6
141 33.0 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 45.841 ng

RT: 13.033 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

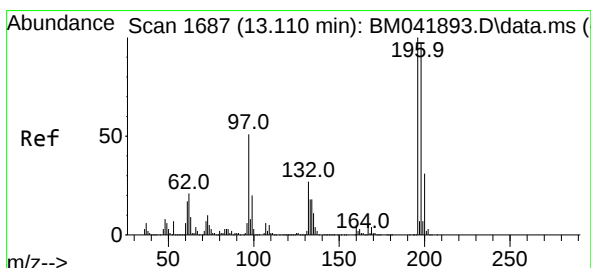
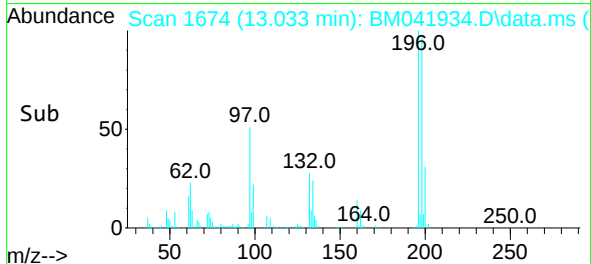
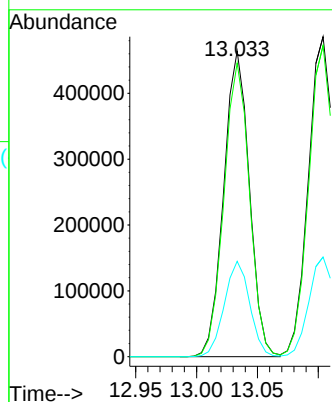
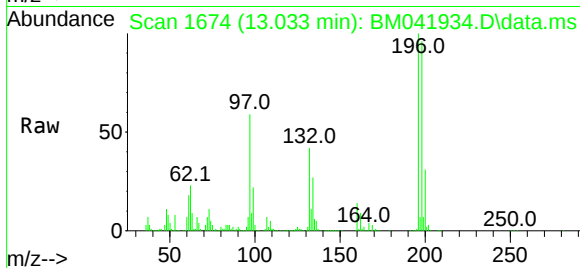
Tgt Ion:196 Resp: 680815

Ion Ratio Lower Upper

196 100

198 96.1 76.9 115.3

200 31.2 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 42.459 ng

RT: 13.104 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Tgt Ion:196 Resp: 737989

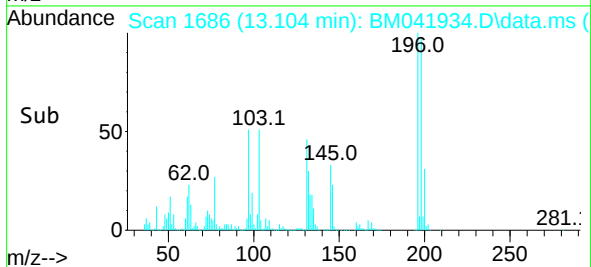
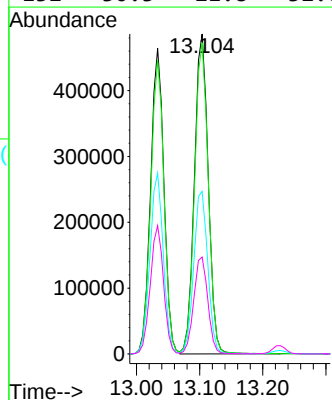
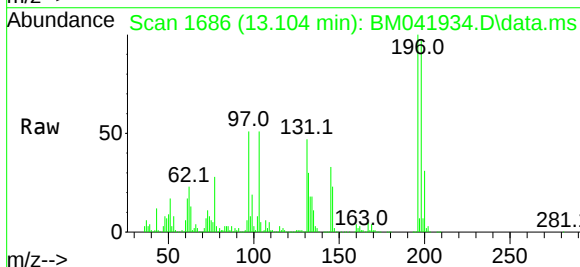
Ion Ratio Lower Upper

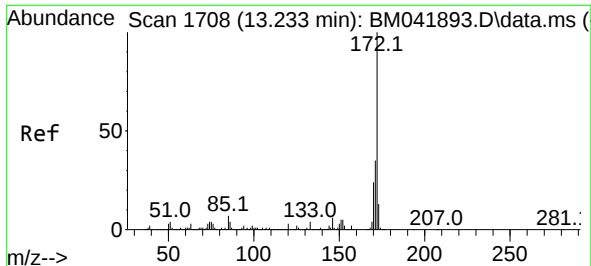
196 100

198 97.2 77.2 115.8

97 50.8 41.1 61.7

132 30.3 21.8 32.6

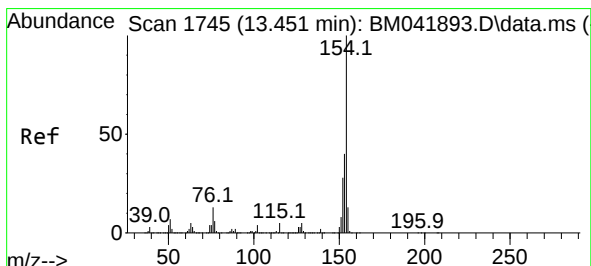
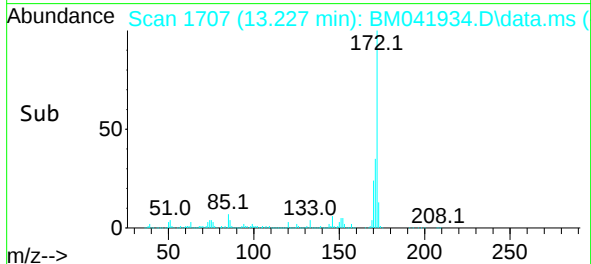
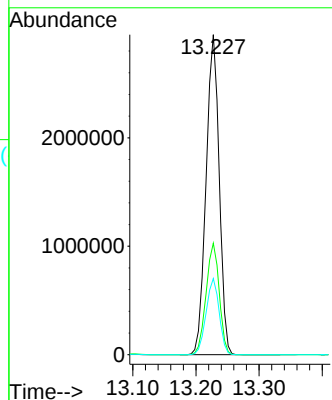
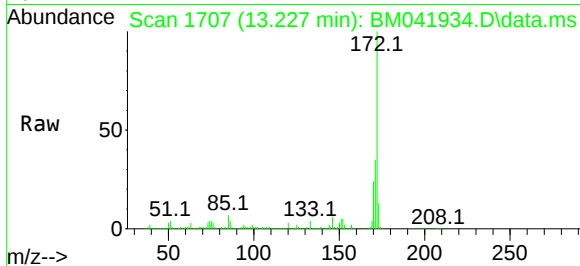




#45
2-Fluorobiphenyl
Concen: 83.205 ng
RT: 13.227 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

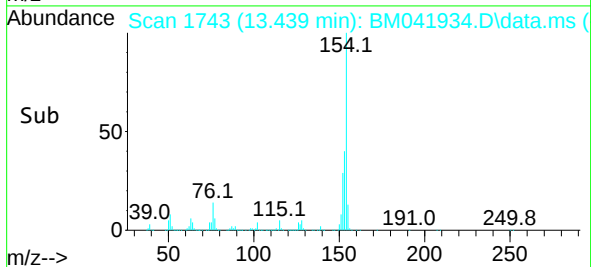
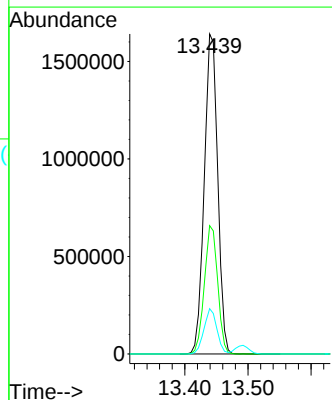
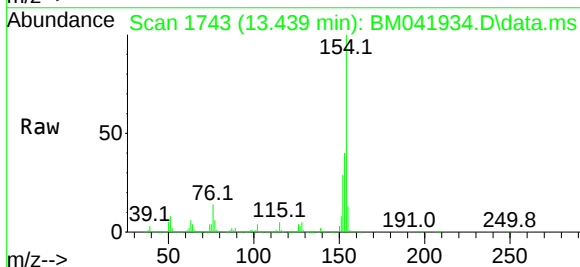
Instrument :
BNA_M
ClientSampleId :
PB155456BS

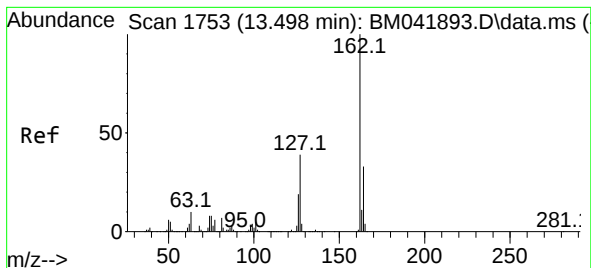
Tgt Ion:172 Resp: 4265798
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 43.678 ng
RT: 13.439 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:154 Resp: 2425038
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 14.2 0.0 33.1

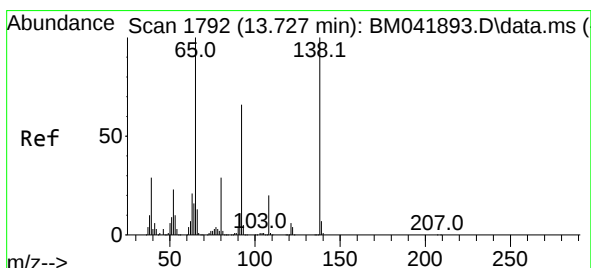
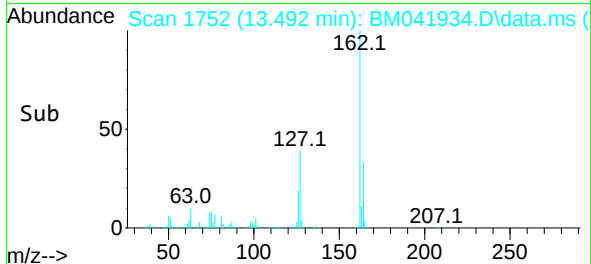
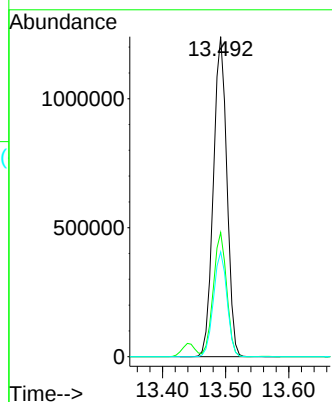
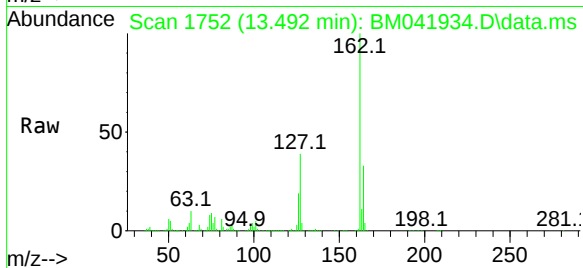




#47
2-Chloronaphthalene
Concen: 45.520 ng
RT: 13.492 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

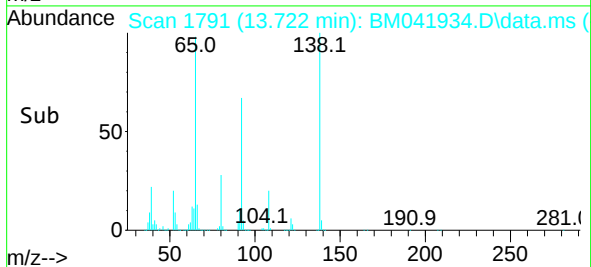
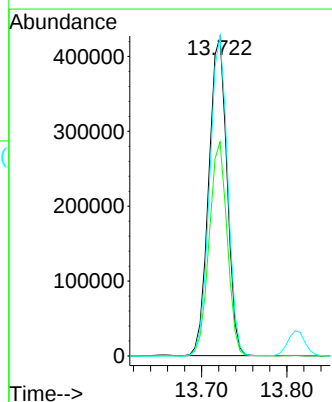
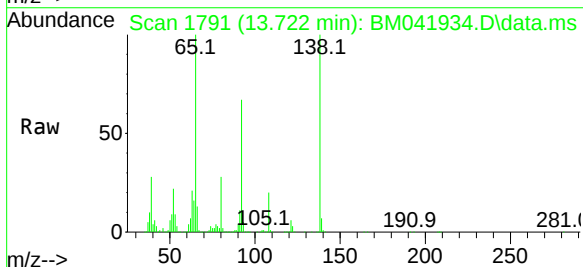
Instrument :
BNA_M
ClientSampleId :
PB155456BS

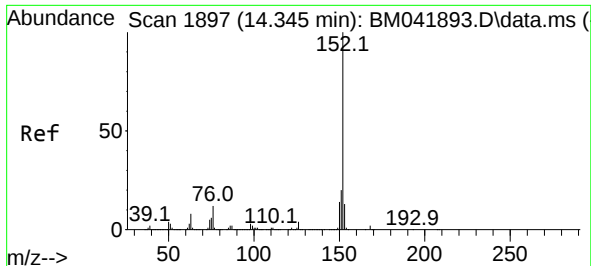
Tgt Ion:162 Resp: 1840539
Ion Ratio Lower Upper
162 100
127 38.8 31.0 46.4
164 32.8 26.1 39.1



#48
2-Nitroaniline
Concen: 43.787 ng
RT: 13.722 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion: 65 Resp: 632629
Ion Ratio Lower Upper
65 100
92 67.1 52.8 79.2
138 100.3 80.3 120.5

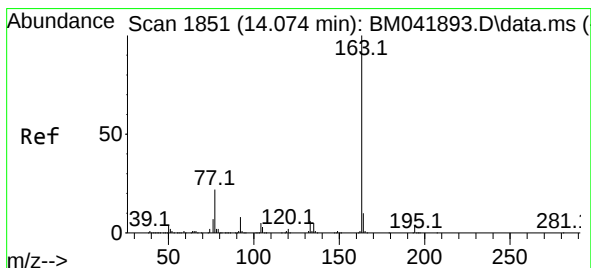
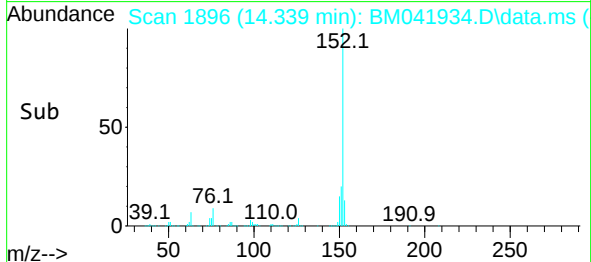
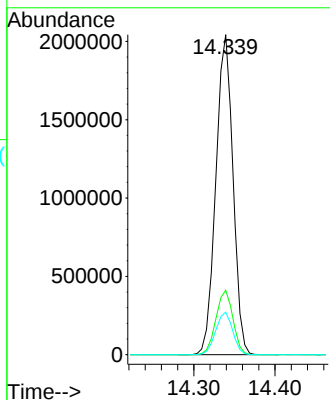
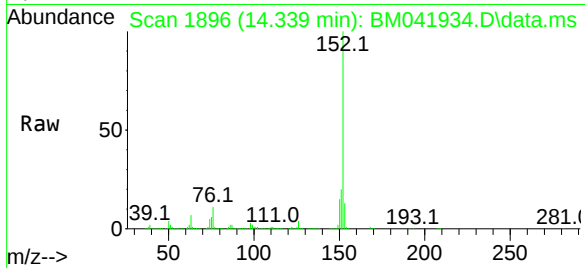




#49
Acenaphthylene
Concen: 44.626 ng
RT: 14.339 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

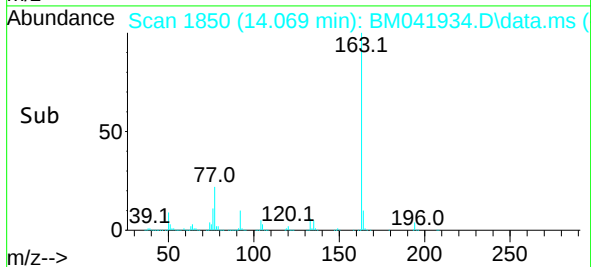
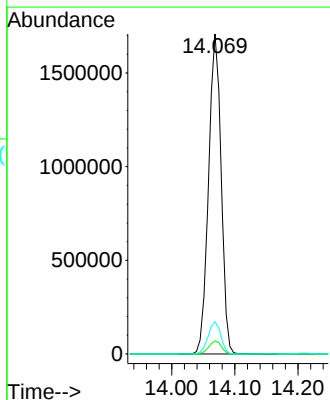
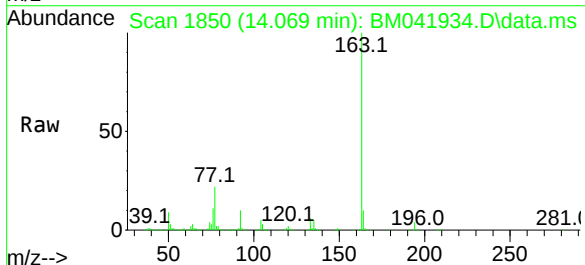
Instrument :
BNA_M
ClientSampleId :
PB155456BS

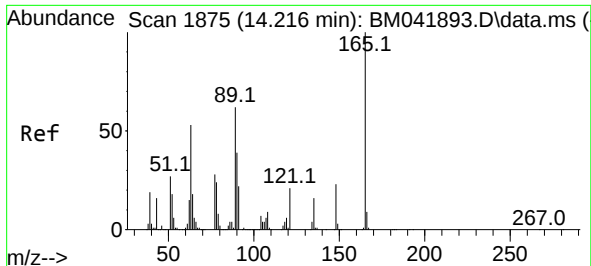
Tgt Ion:152 Resp: 2994493
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 42.351 ng
RT: 14.069 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:163 Resp: 2356025
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.2 12.4

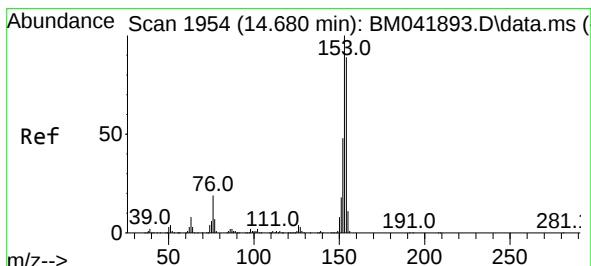
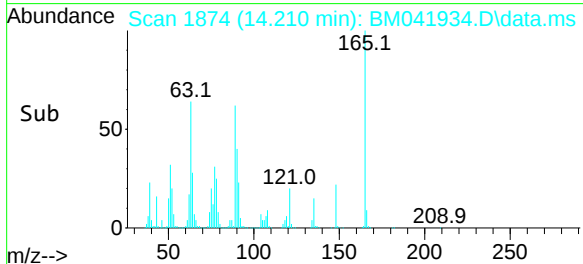
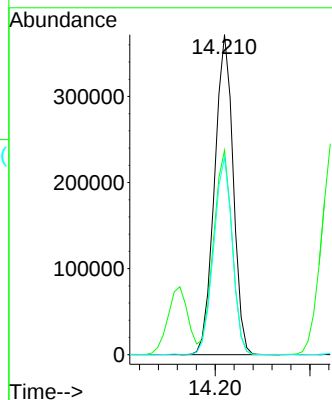
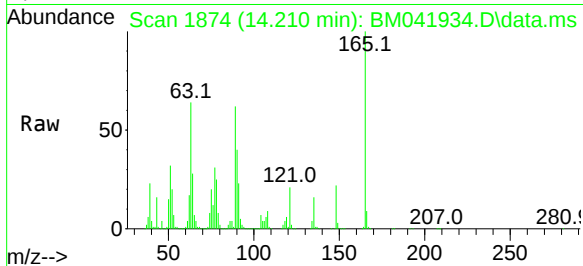




#51
2,6-Dinitrotoluene
Concen: 43.070 ng
RT: 14.210 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

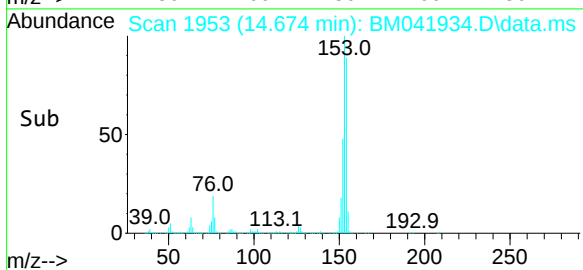
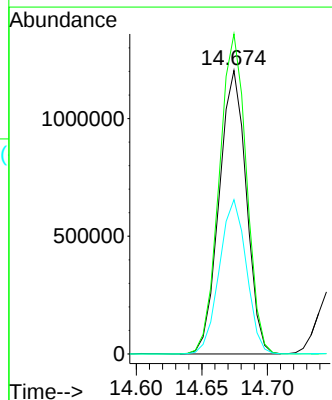
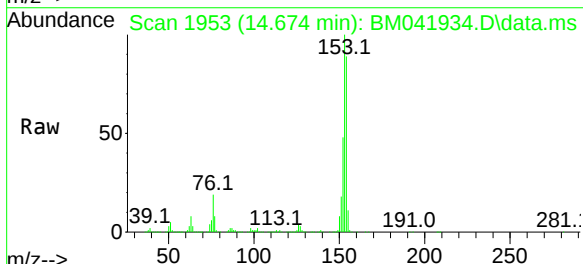
Instrument :
BNA_M
ClientSampleId :
PB155456BS

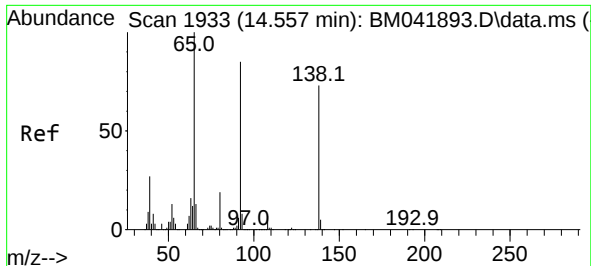
Tgt Ion:165 Resp: 507772
Ion Ratio Lower Upper
165 100
63 63.8 50.2 75.2
89 61.7 49.3 73.9



#52
Acenaphthene
Concen: 42.909 ng
RT: 14.674 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:154 Resp: 1731754
Ion Ratio Lower Upper
154 100
153 112.8 90.3 135.5
152 54.4 43.4 65.2

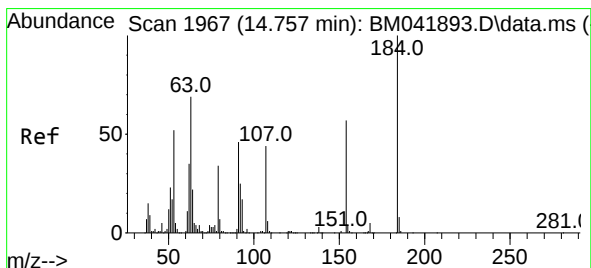
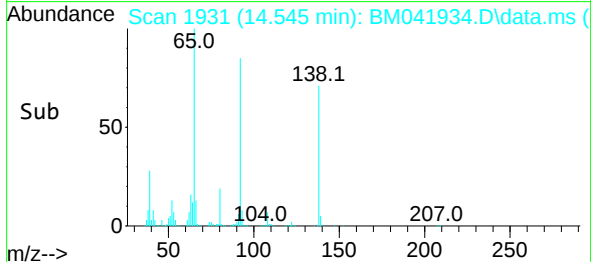
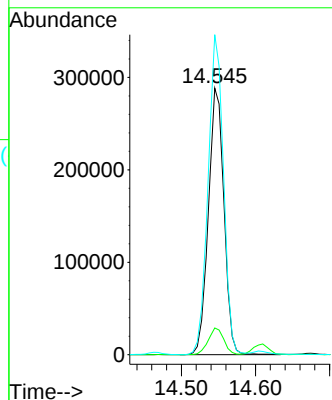
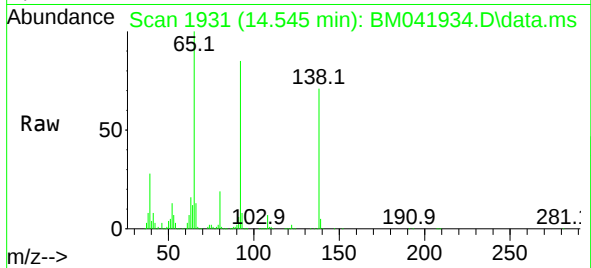




#53
3-Nitroaniline
Concen: 31.881 ng
RT: 14.545 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

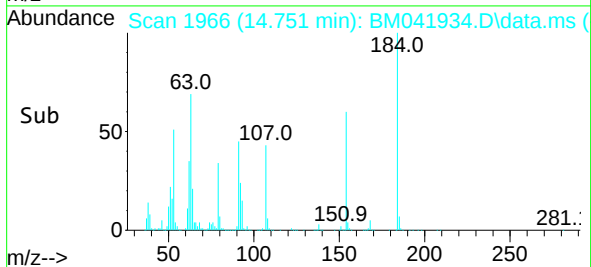
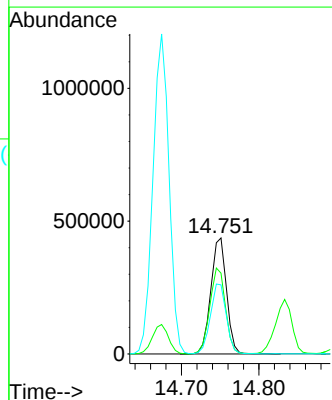
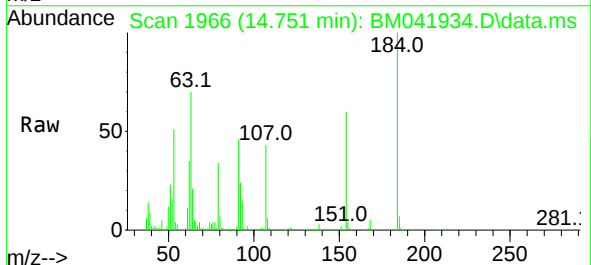
Instrument :
BNA_M
ClientSampleId :
PB155456BS

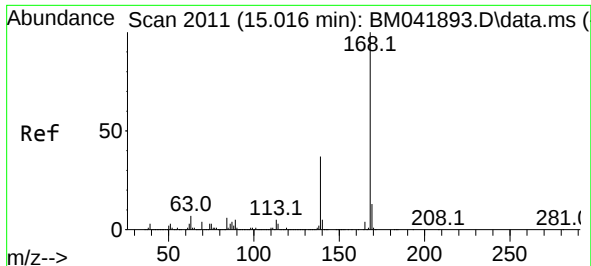
Tgt Ion:138 Resp: 420686
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 120.1 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 83.291 ng
RT: 14.751 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:184 Resp: 613269
Ion Ratio Lower Upper
184 100
63 69.6 55.8 83.8
154 59.6 48.9 73.3

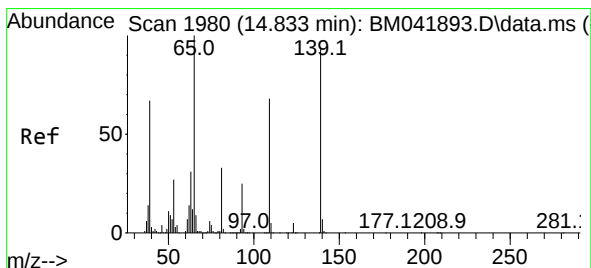
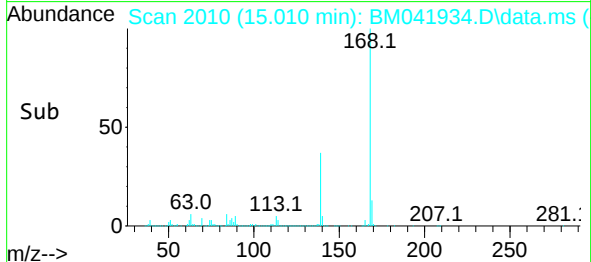
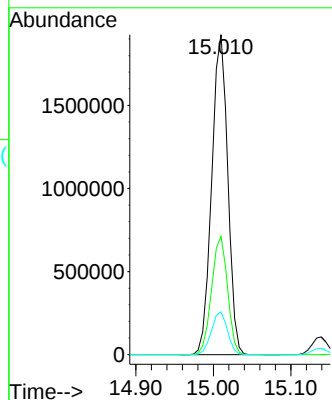
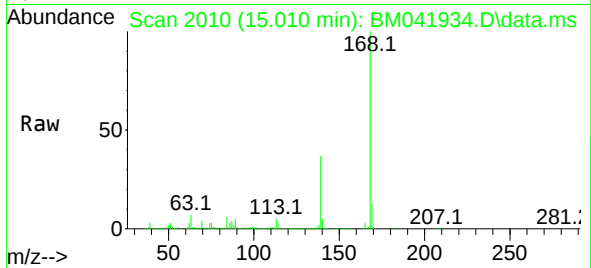




#55
Dibenzofuran
Concen: 42.437 ng
RT: 15.010 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

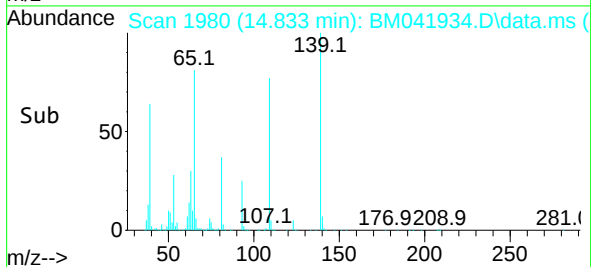
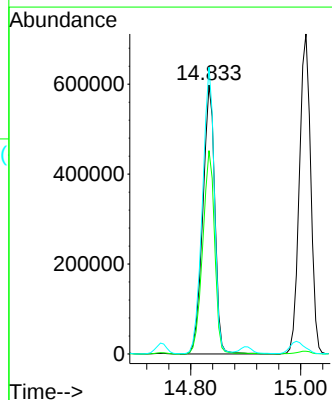
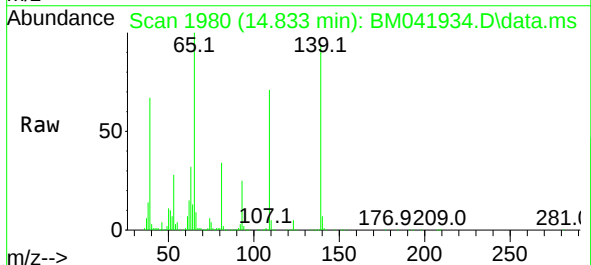
Instrument :
BNA_M
ClientSampleId :
PB155456BS

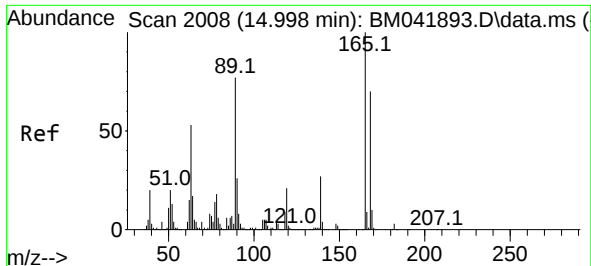
Tgt Ion:168 Resp: 2764678
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.2
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 87.003 ng
RT: 14.833 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:139 Resp: 910512
Ion Ratio Lower Upper
139 100
109 75.6 53.4 93.4
65 106.6 87.4 127.4





#57

2,4-Dinitrotoluene

Concen: 43.767 ng

RT: 14.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

Tgt Ion:165 Resp: 682674

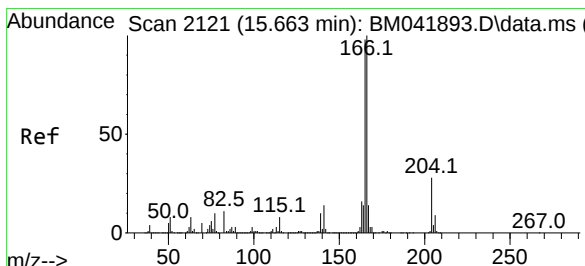
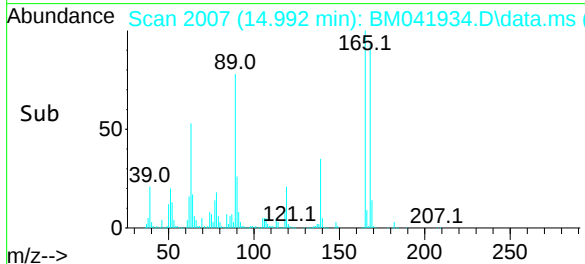
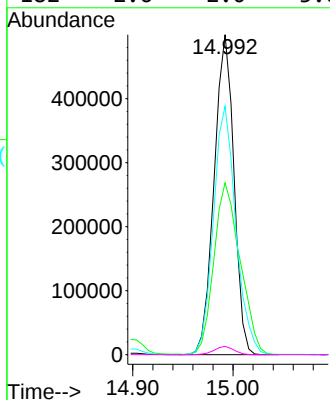
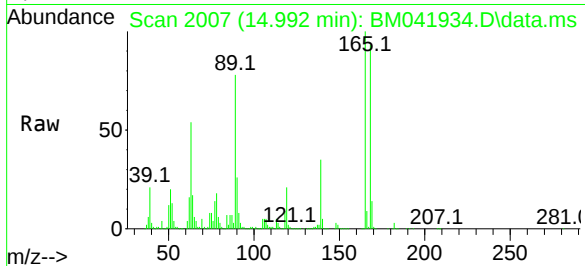
Ion Ratio Lower Upper

165 100

63 53.7 42.3 63.5

89 77.7 61.8 92.6

182 2.6 2.0 3.0



#58

Fluorene

Concen: 42.759 ng

RT: 15.657 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

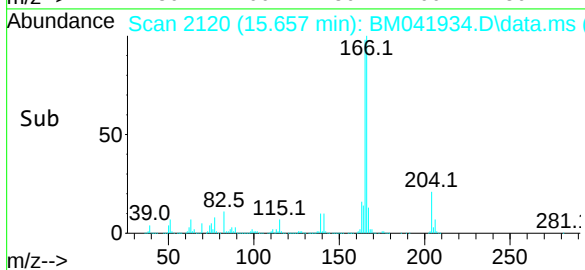
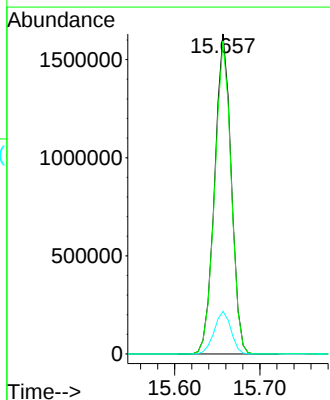
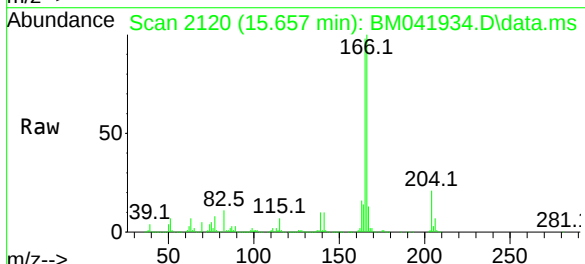
Tgt Ion:166 Resp: 2196133

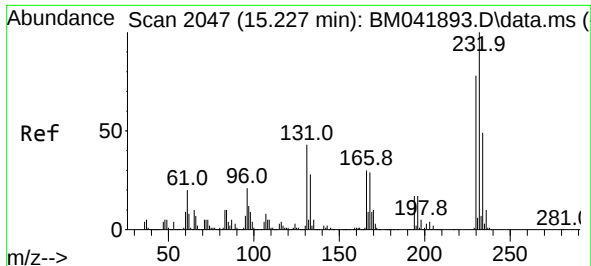
Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.2

167 13.3 11.0 16.6

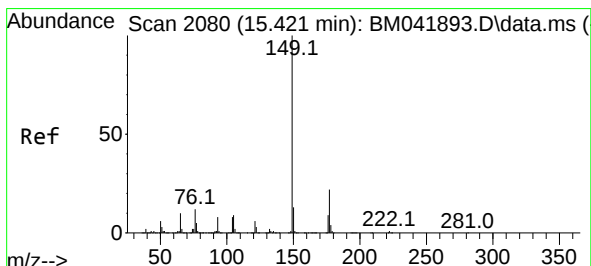
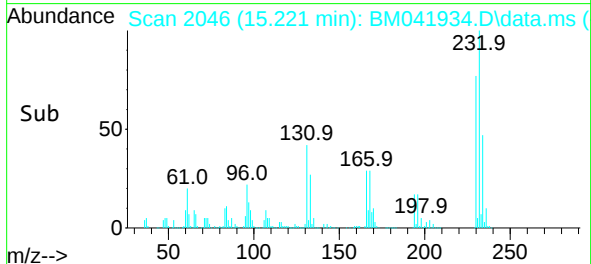
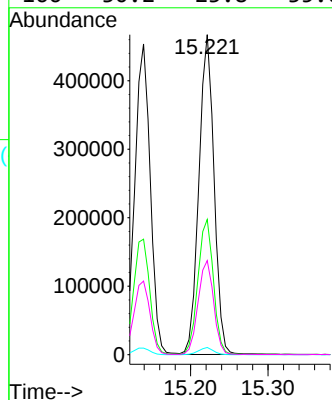
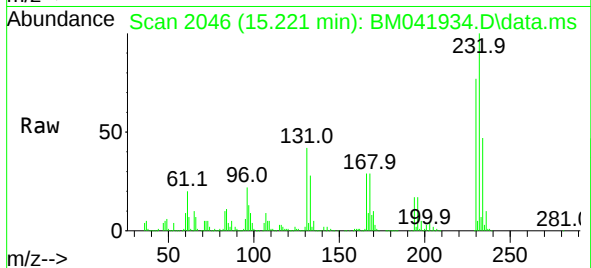




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.420 ng
RT: 15.221 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

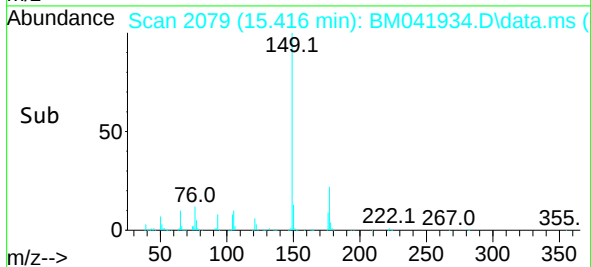
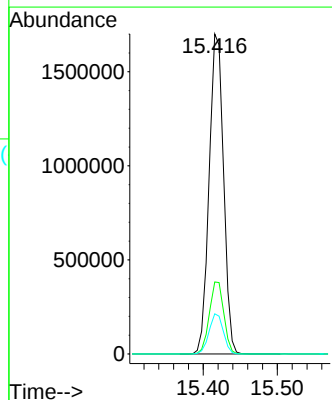
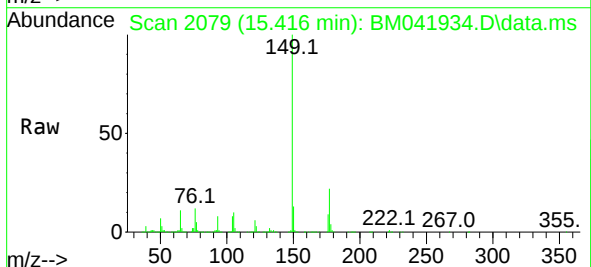
Instrument :
BNA_M
ClientSampleId :
PB155456BS

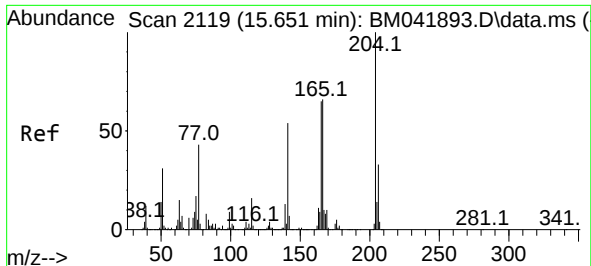
Tgt Ion:232 Resp: 633715
Ion Ratio Lower Upper
232 100
131 43.1 34.6 51.8
130 2.2 1.8 2.8
166 30.2 23.8 35.6



#60
Diethylphthalate
Concen: 41.539 ng
RT: 15.416 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:149 Resp: 2298717
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.6 10.1 15.1

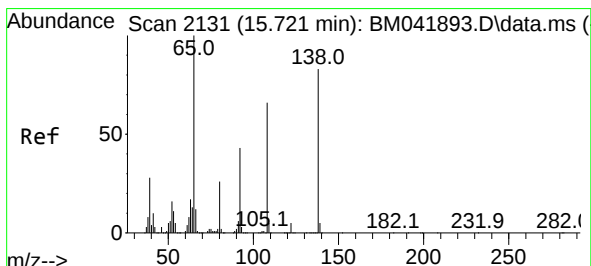
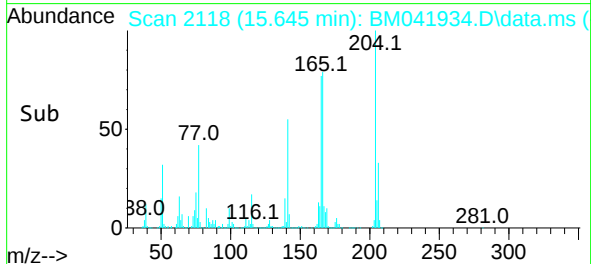
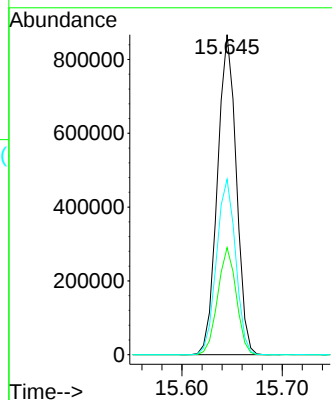
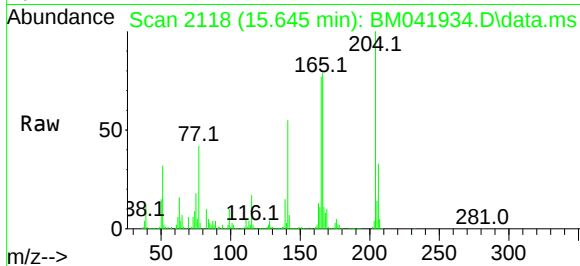




#61
4-Chlorophenyl-phenylether
Concen: 42.007 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

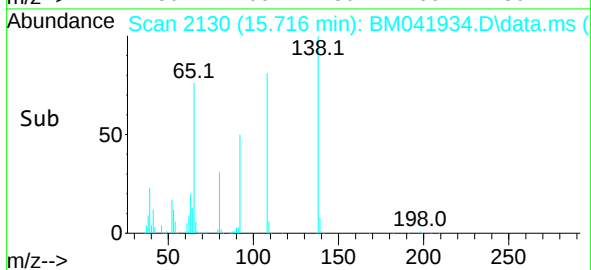
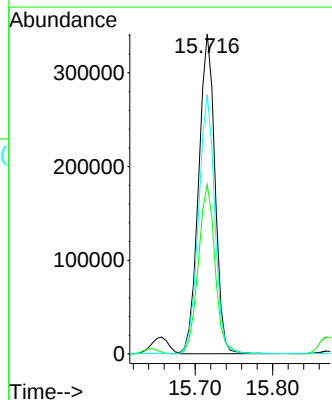
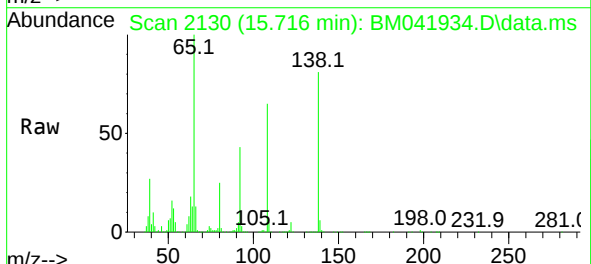
Instrument :
BNA_M
ClientSampleId :
PB155456BS

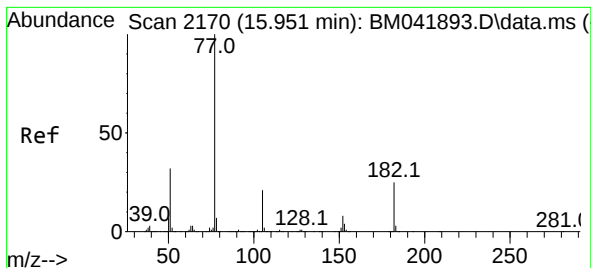
Tgt Ion:204 Resp: 1131879
Ion Ratio Lower Upper
204 100
206 33.5 26.1 39.1
141 54.8 43.6 65.4



#62
4-Nitroaniline
Concen: 39.347 ng
RT: 15.716 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:138 Resp: 499275
Ion Ratio Lower Upper
138 100
92 52.9 32.3 72.3
108 81.0 59.0 99.0





#63

Azobenzene

Concen: 42.650 ng

RT: 15.939 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

Tgt Ion: 77 Resp: 2392742

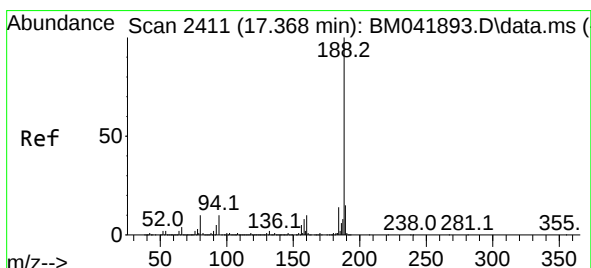
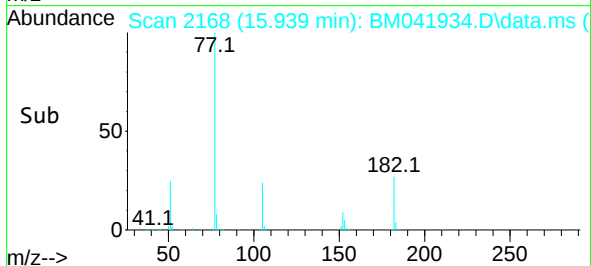
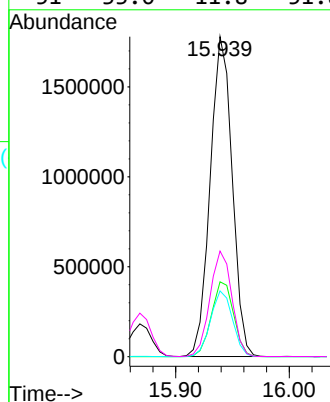
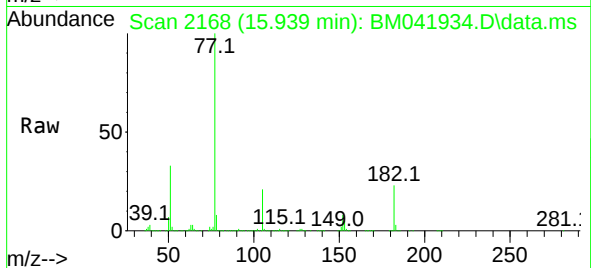
Ion Ratio Lower Upper

77 100

182 23.4 4.9 44.9

105 20.5 0.7 40.7

51 33.0 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: BM041934.D

Acq: 20 Sep 2023 12:24

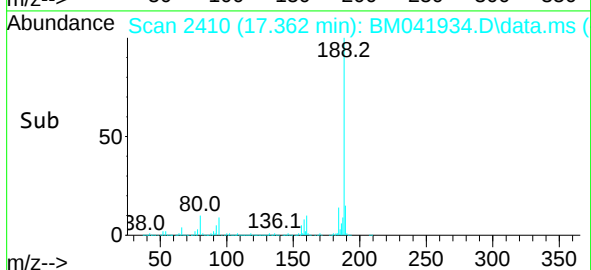
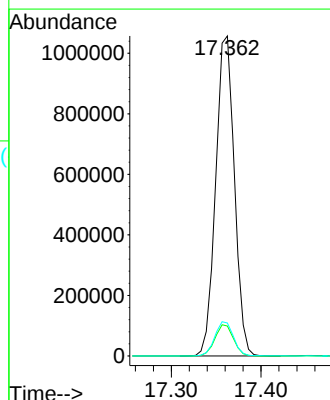
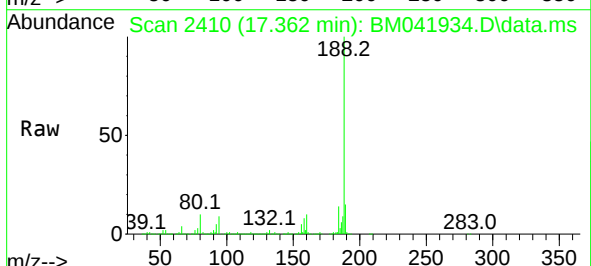
Tgt Ion:188 Resp: 1529656

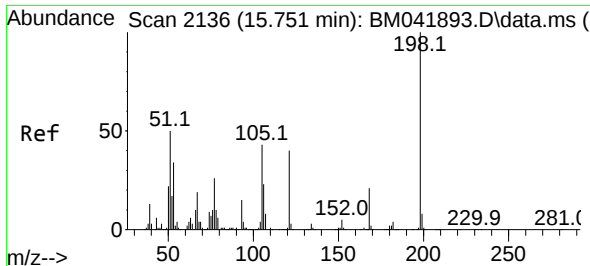
Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.3 8.3 12.5

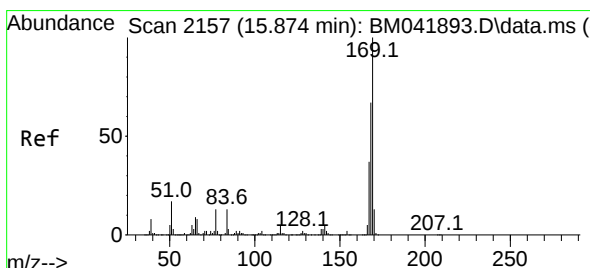
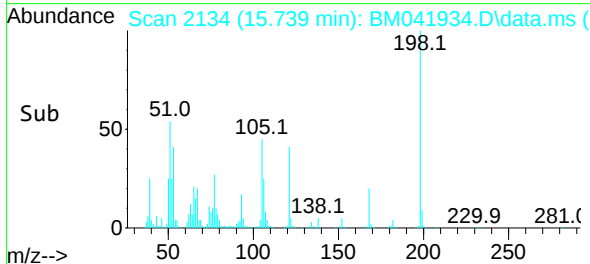
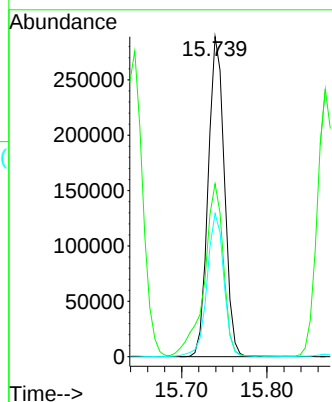
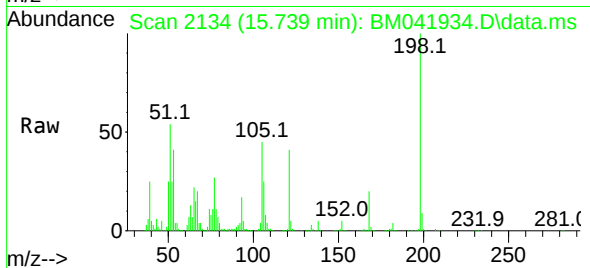




#65
4,6-Dinitro-2-methylphenol
Concen: 43.565 ng
RT: 15.739 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

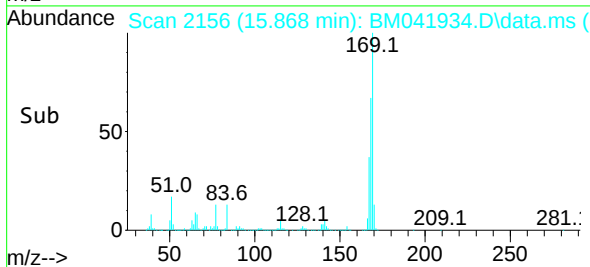
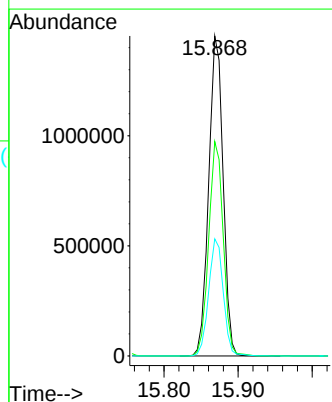
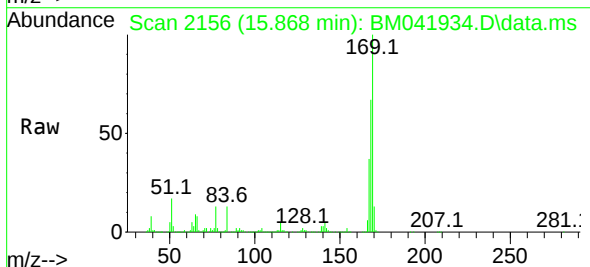
Instrument :
BNA_M
ClientSampleId :
PB155456BS

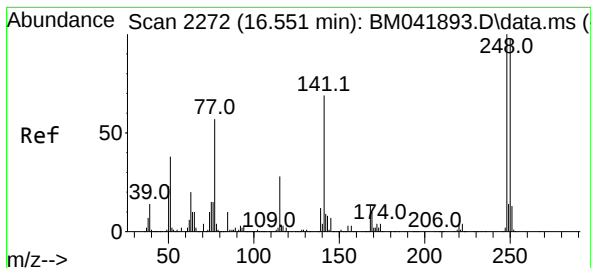
Tgt Ion:198 Resp: 382665
Ion Ratio Lower Upper
198 100
51 54.1 32.0 72.0
105 44.7 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 45.314 ng
RT: 15.868 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:169 Resp: 1957663
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 36.6 29.4 44.0

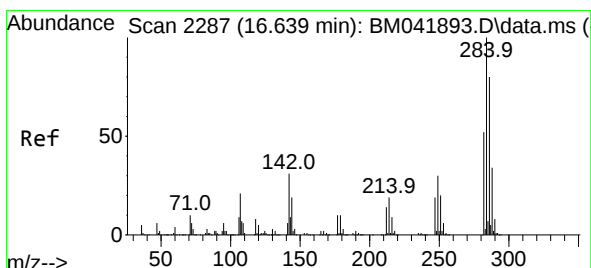
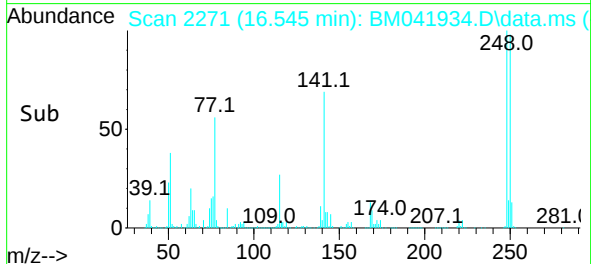
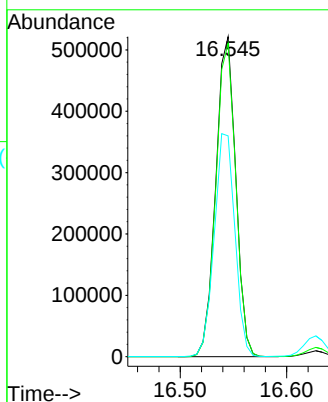
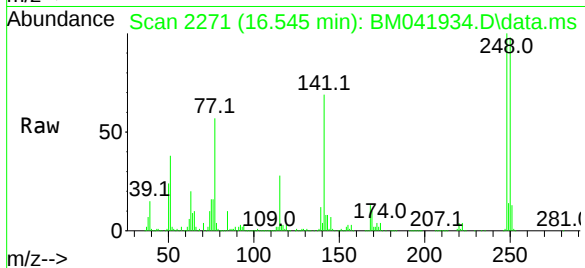




#67
4-Bromophenyl-phenylether
Concen: 42.921 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

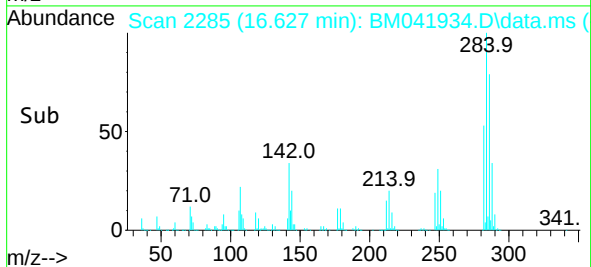
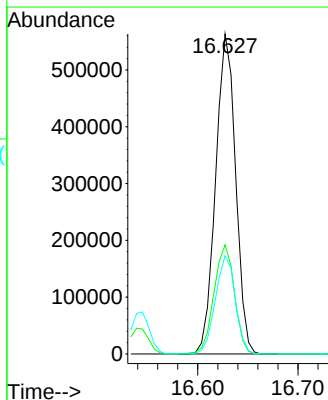
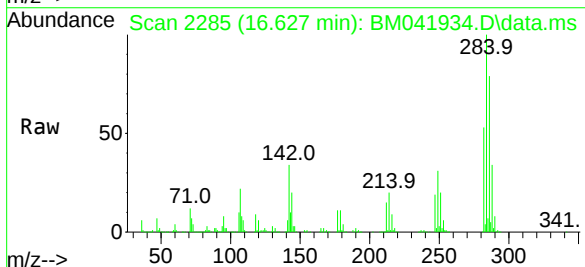
Instrument :
BNA_M
ClientSampleId :
PB155456BS

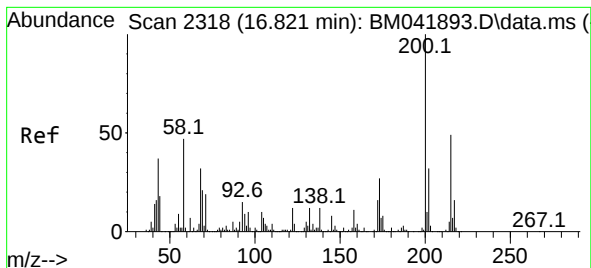
Tgt Ion:248 Resp: 676565
Ion Ratio Lower Upper
248 100
250 97.9 78.0 117.0
141 69.0 55.1 82.7



#68
Hexachlorobenzene
Concen: 46.696 ng
RT: 16.627 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:284 Resp: 779343
Ion Ratio Lower Upper
284 100
142 34.1 24.8 37.2
249 30.7 24.0 36.0





#69

Atrazine

Concen: 50.455 ng

RT: 16.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

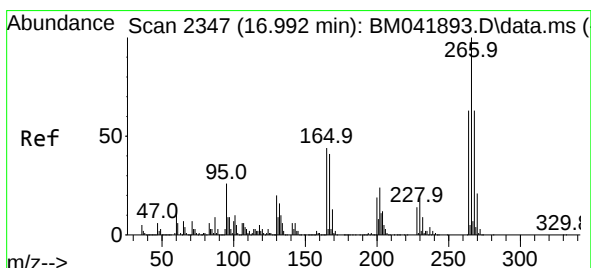
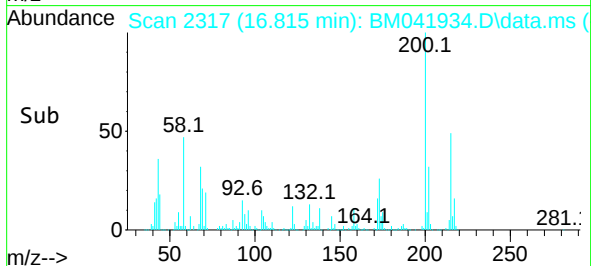
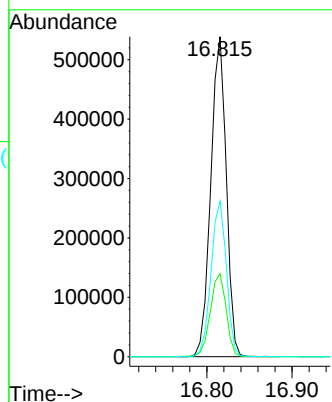
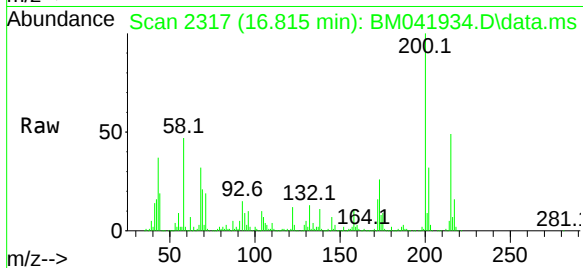
Tgt Ion:200 Resp: 679731

Ion Ratio Lower Upper

200 100

173 25.9 6.5 46.5

215 48.5 28.9 68.9



#70

Pentachlorophenol

Concen: 72.672 ng

RT: 16.986 min Scan# 2346

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

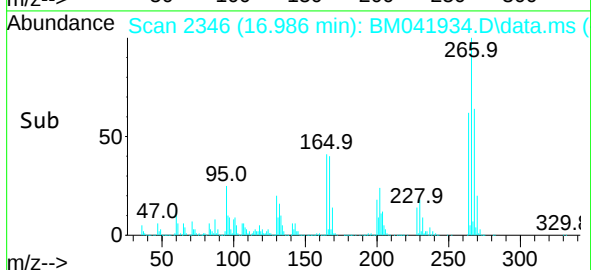
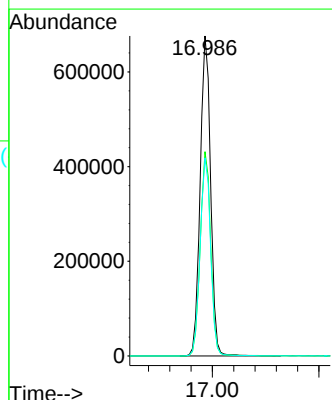
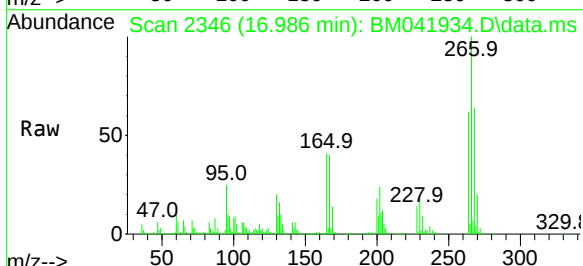
Tgt Ion:266 Resp: 916391

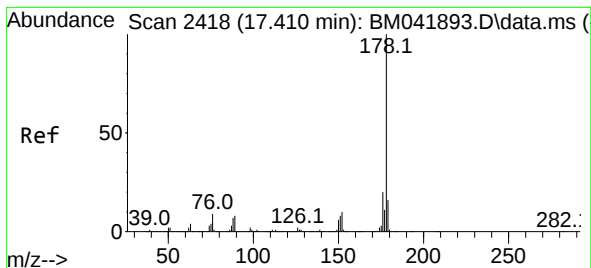
Ion Ratio Lower Upper

266 100

268 63.9 50.5 75.7

264 61.9 50.6 76.0





#71

Phenanthrene

Concen: 44.567 ng

RT: 17.404 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

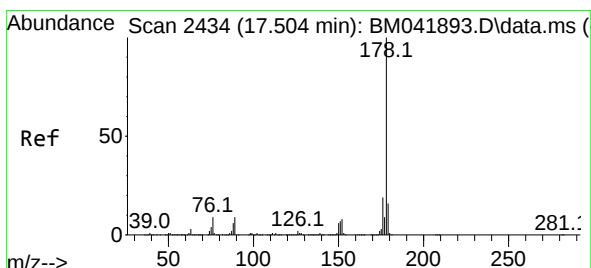
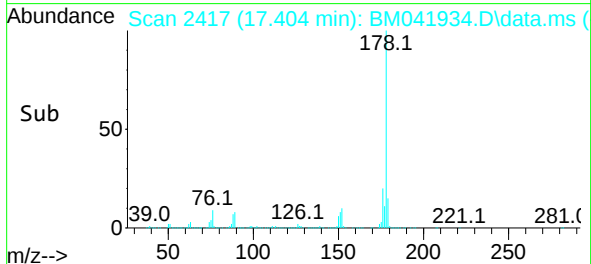
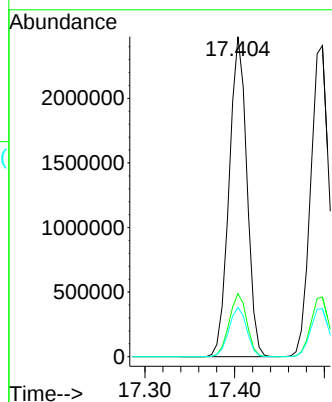
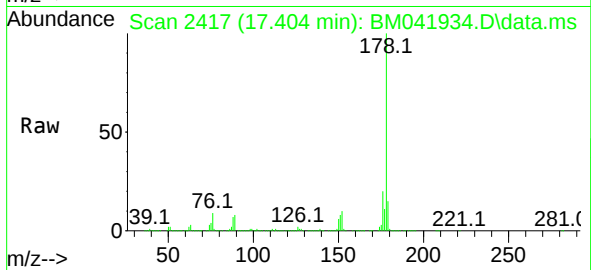
Tgt Ion:178 Resp: 3399940

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

179 15.4 12.4 18.6



#72

Anthracene

Concen: 44.208 ng

RT: 17.498 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

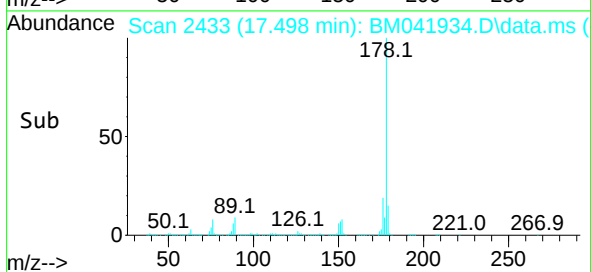
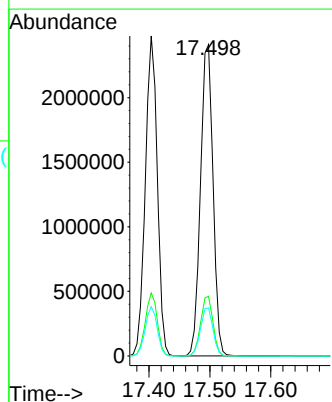
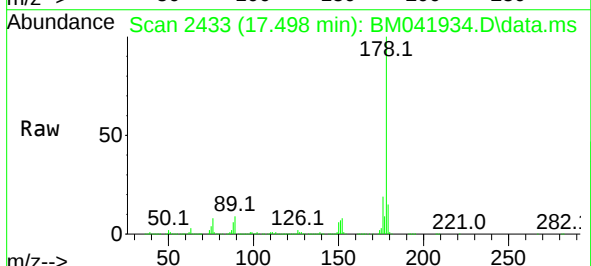
Tgt Ion:178 Resp: 3440381

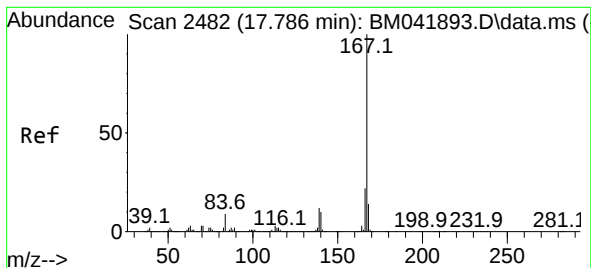
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.4 12.5 18.7





#73

Carbazole

Concen: 44.330 ng

RT: 17.780 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

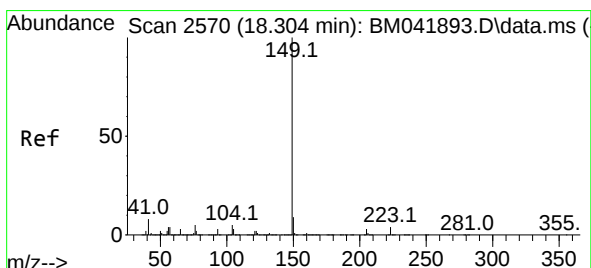
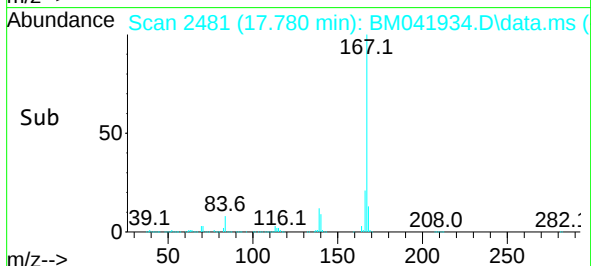
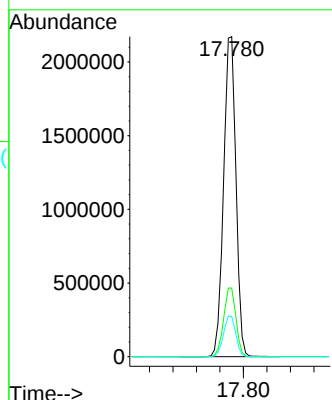
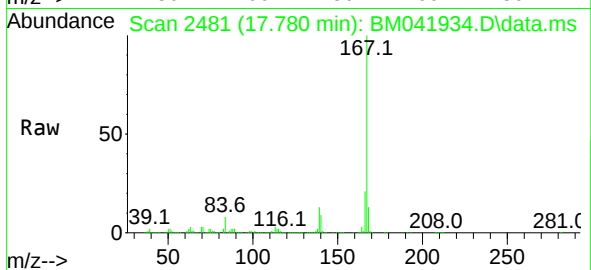
Tgt Ion:167 Resp: 3163354

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

139 12.5 10.0 15.0



#74

Di-n-butylphthalate

Concen: 43.180 ng

RT: 18.298 min Scan# 2569

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

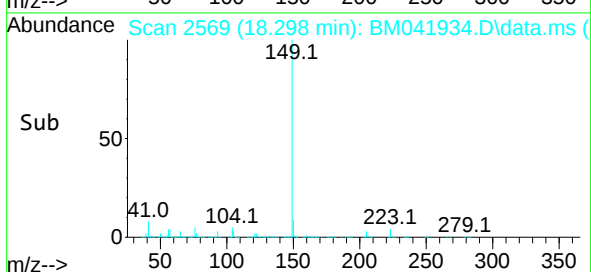
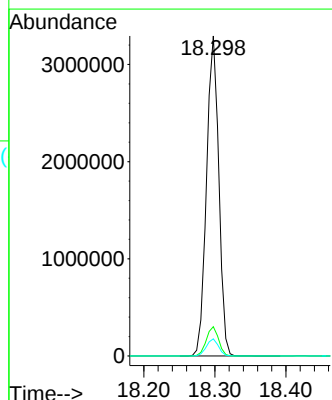
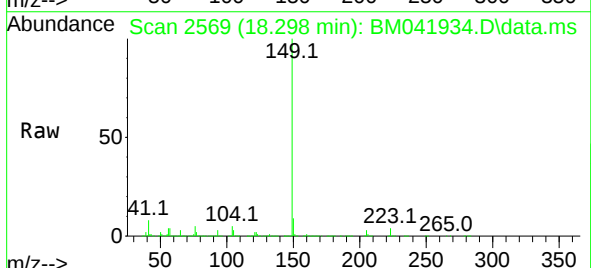
Tgt Ion:149 Resp: 3955704

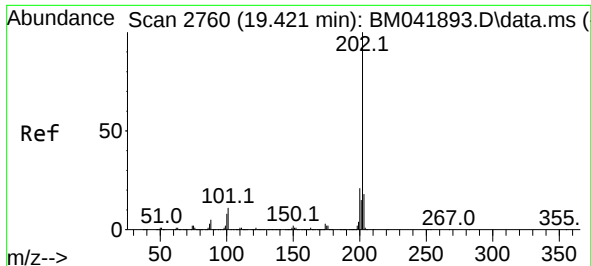
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.3 4.2 6.4

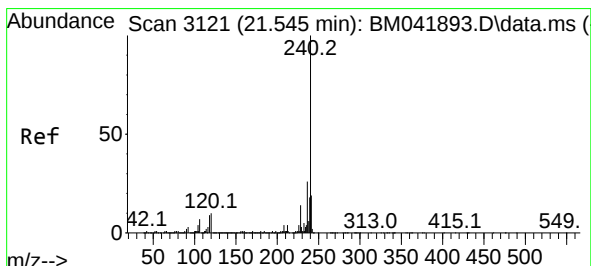
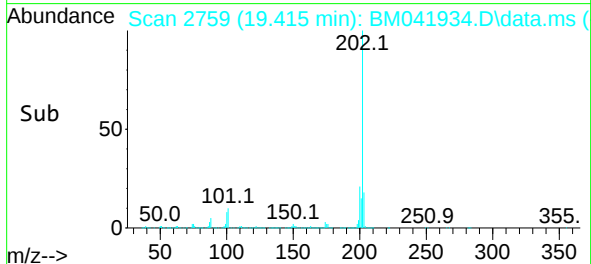
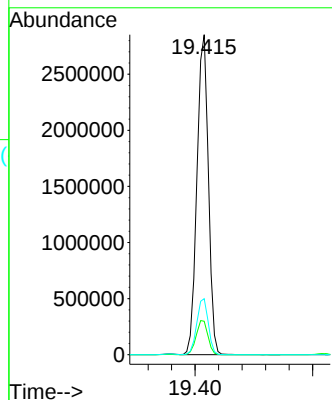
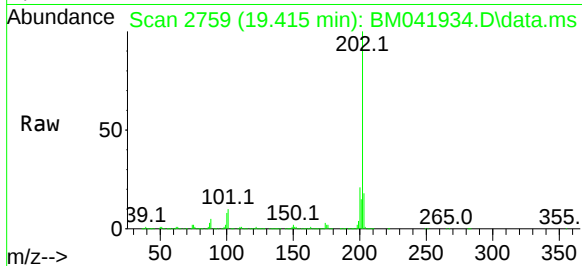




#75
Fluoranthene
Concen: 42.852 ng
RT: 19.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

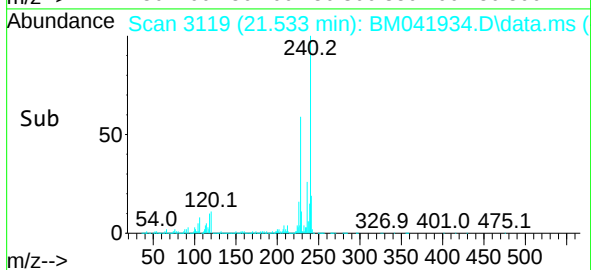
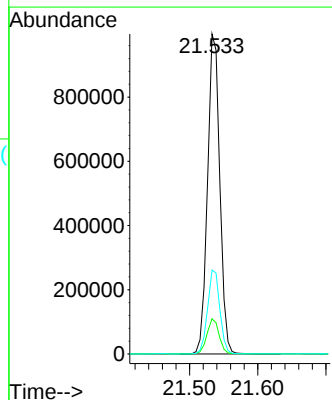
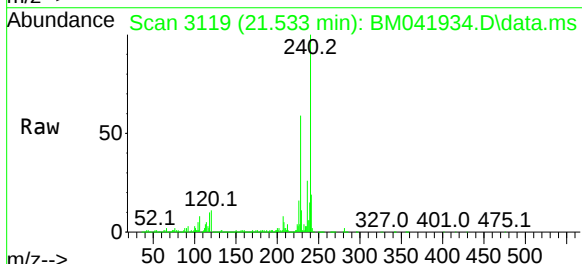
Instrument :
BNA_M
ClientSampleId :
PB155456BS

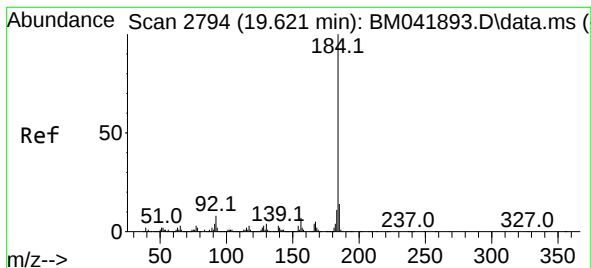
Tgt Ion:202 Resp: 3837961
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.5
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:240 Resp: 1246759
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 26.2 20.7 31.1





#77

Benzidine

Concen: 48.030 ng

RT: 19.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

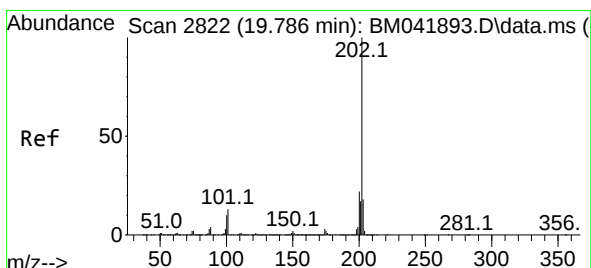
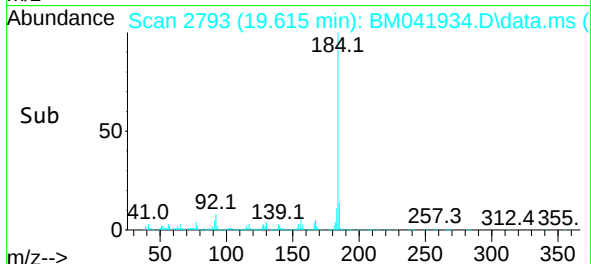
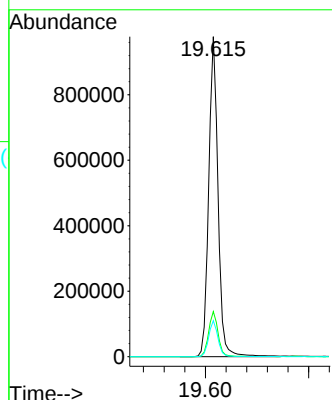
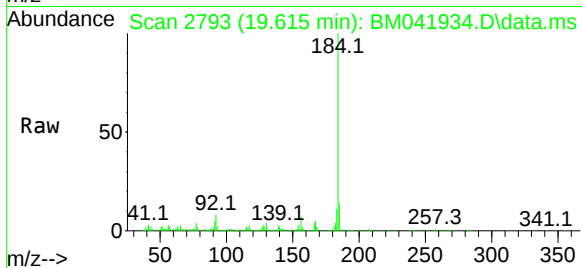
Tgt Ion:184 Resp: 1222298

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

183 11.2 9.1 13.7



#78

Pyrene

Concen: 45.694 ng

RT: 19.780 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

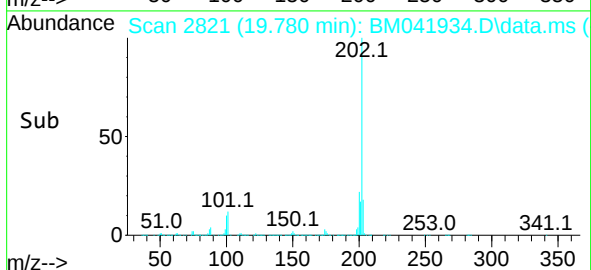
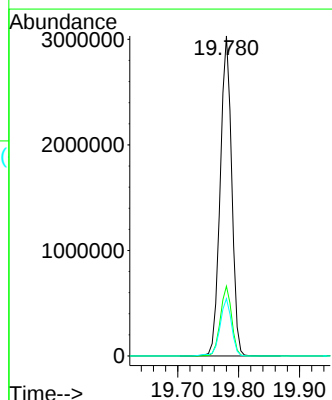
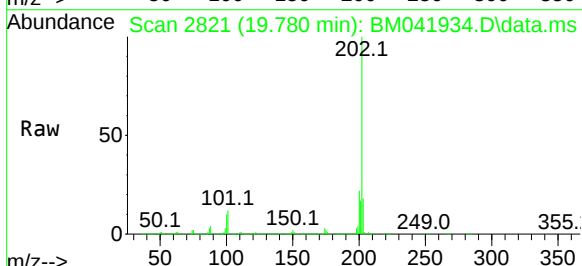
Tgt Ion:202 Resp: 3964020

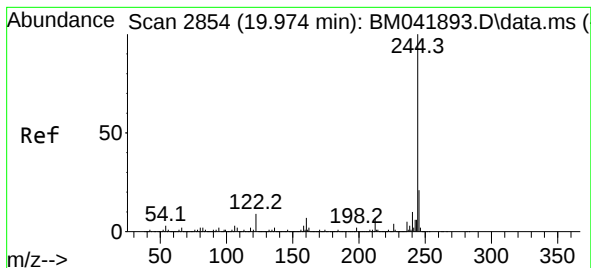
Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 90.055 ng

RT: 19.968 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

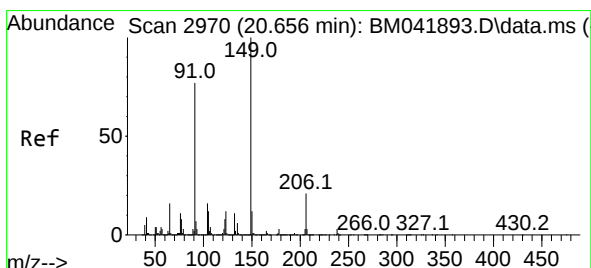
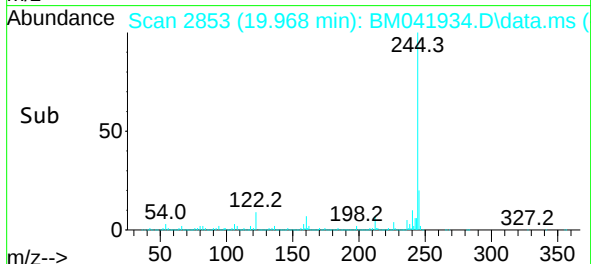
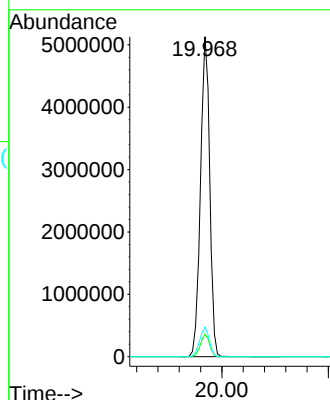
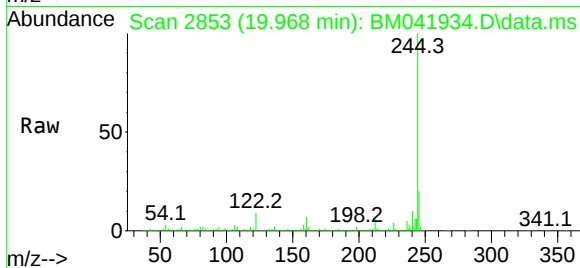
Tgt Ion:244 Resp: 6164687

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.3 7.4 11.0



#80

Butylbenzylphthalate

Concen: 44.126 ng

RT: 20.651 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

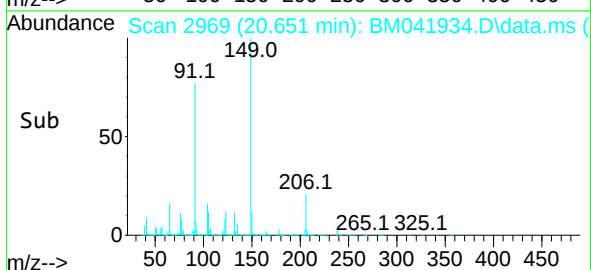
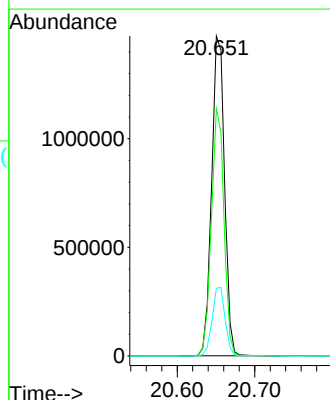
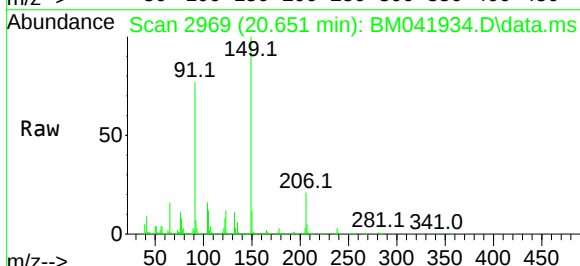
Tgt Ion:149 Resp: 1702559

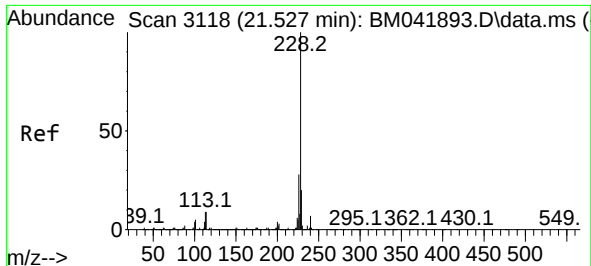
Ion Ratio Lower Upper

149 100

91 77.4 61.7 92.5

206 21.2 16.9 25.3

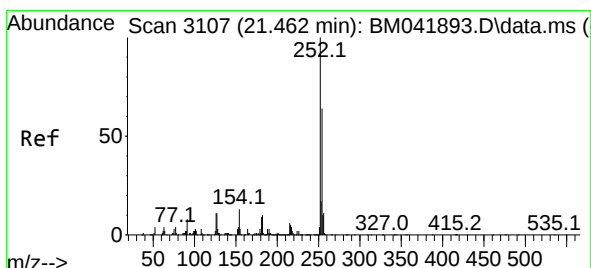
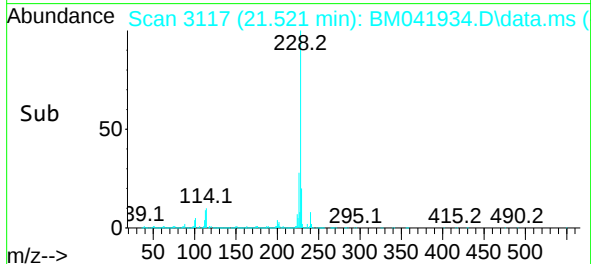
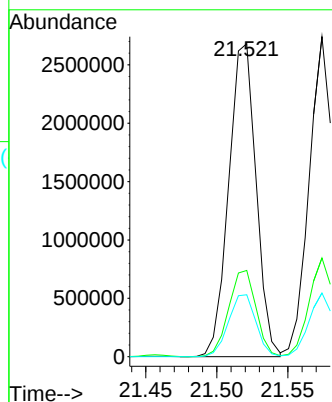
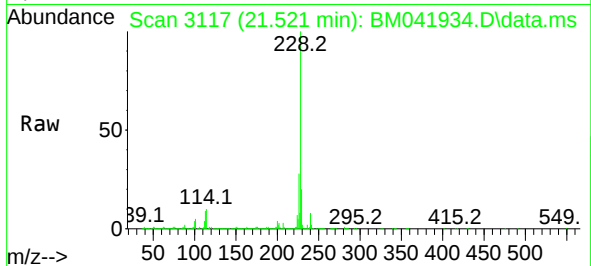




#81
Benzo(a)anthracene
Concen: 44.337 ng
RT: 21.521 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

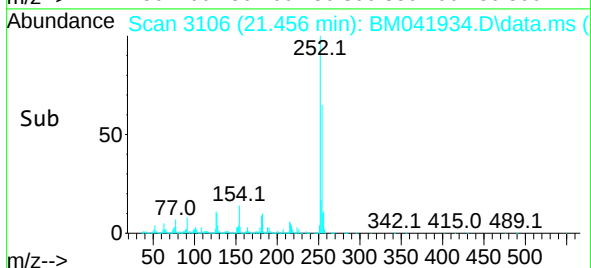
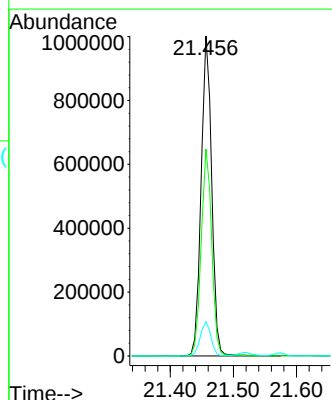
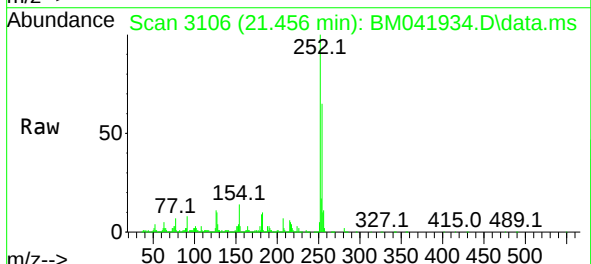
Instrument :
BNA_M
ClientSampleId :
PB155456BS

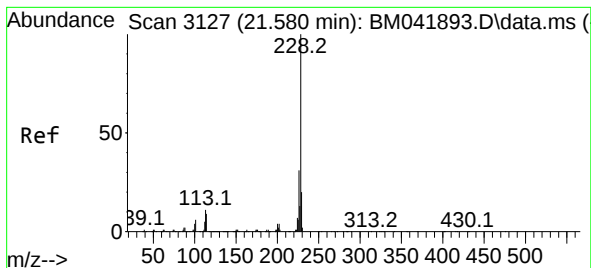
Tgt Ion:228 Resp: 3605239
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 40.432 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:252 Resp: 1157831
Ion Ratio Lower Upper
252 100
254 64.7 51.3 76.9
126 10.7 8.6 13.0





#83

Chrysene

Concen: 43.056 ng

RT: 21.574 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

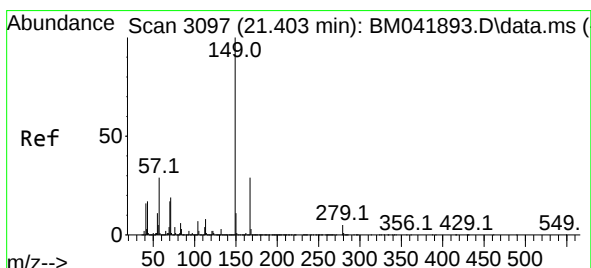
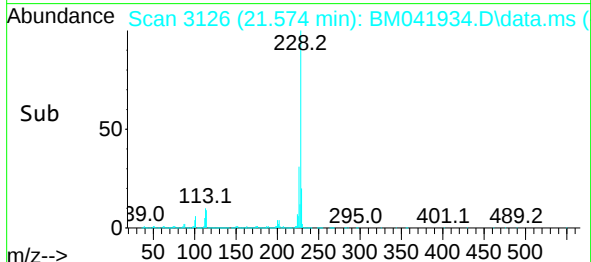
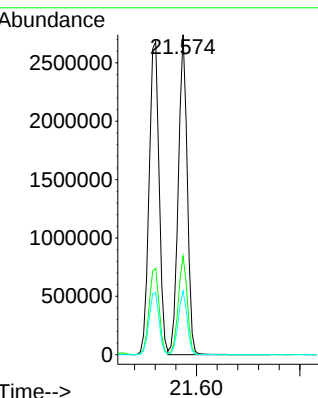
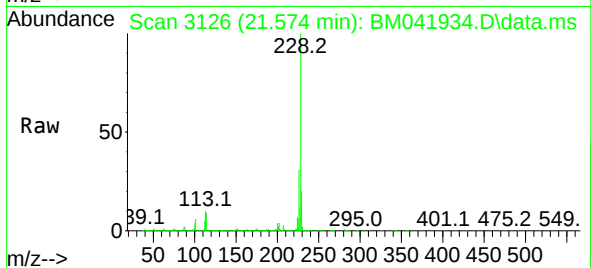
Tgt Ion:228 Resp: 3281595

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.389 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

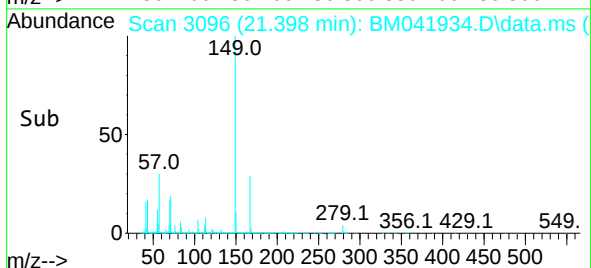
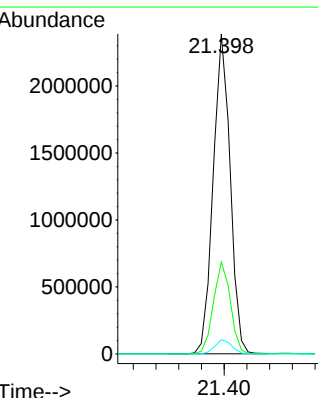
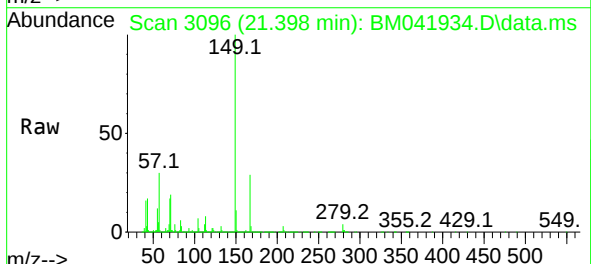
Tgt Ion:149 Resp: 2483545

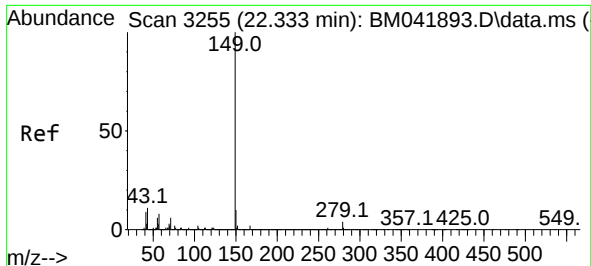
Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.6

279 4.4 3.7 5.5

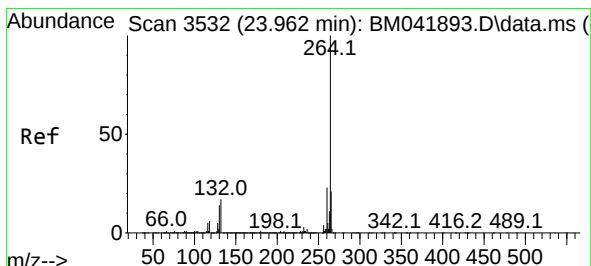
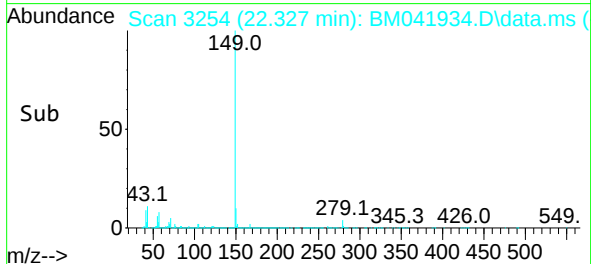
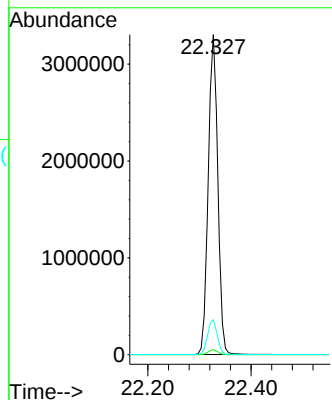
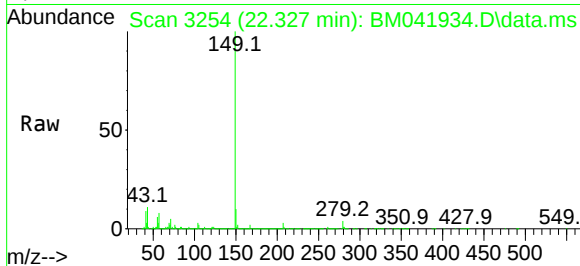




#85
Di-n-octyl phthalate
Concen: 43.901 ng
RT: 22.327 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

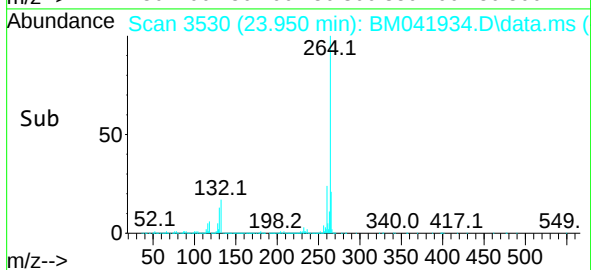
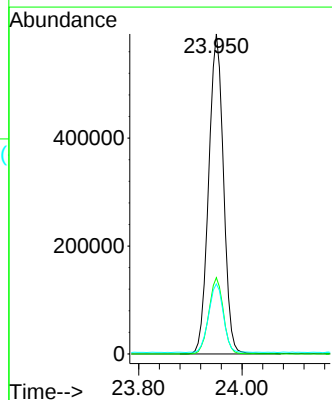
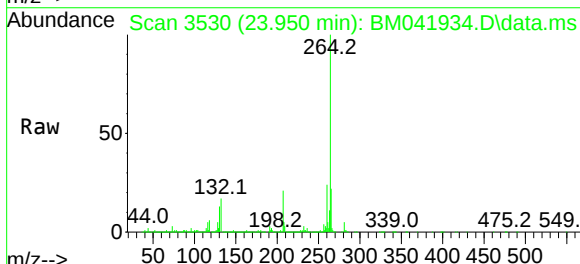
Instrument :
BNA_M
ClientSampleId :
PB155456BS

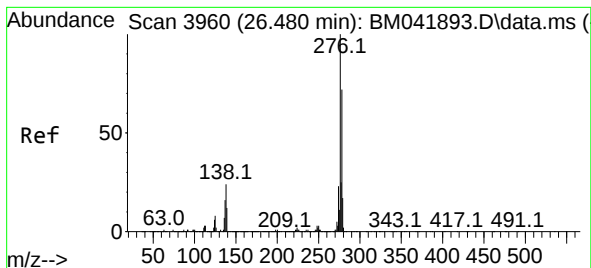
Tgt Ion:149 Resp: 4229913
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.950 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:264 Resp: 1178933
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.002 ng

RT: 26.462 min Scan# 3960

Delta R.T. -0.018 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

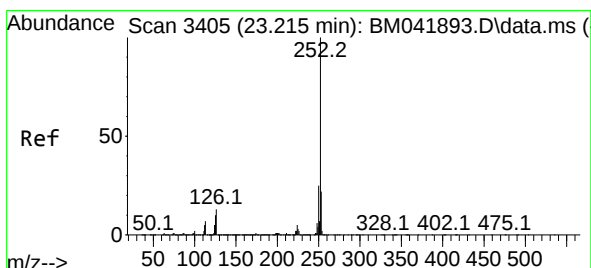
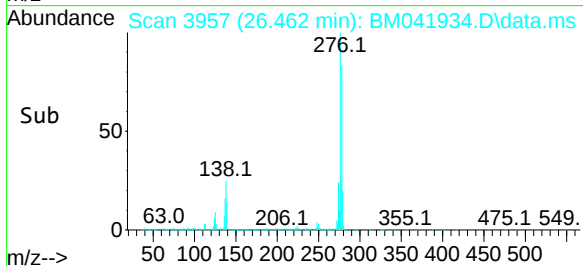
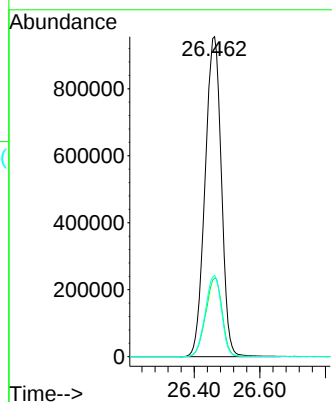
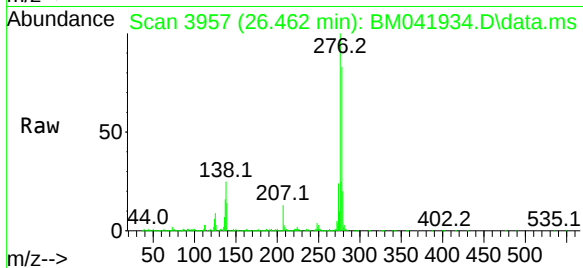
Tgt Ion:276 Resp: 3308511

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.325 ng

RT: 23.209 min Scan# 3404

Delta R.T. -0.006 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

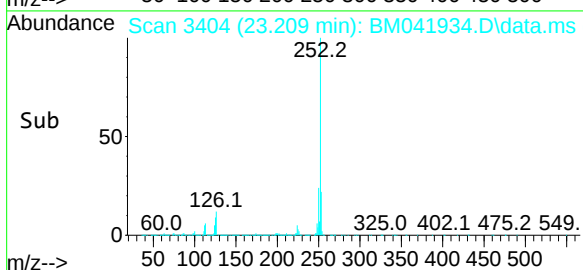
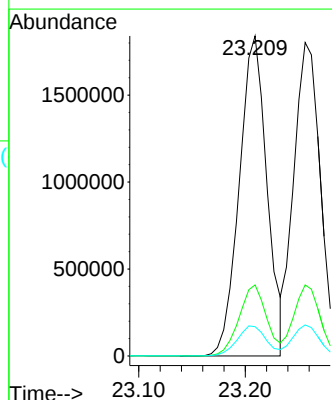
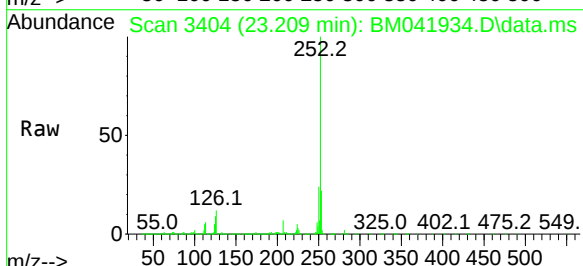
Tgt Ion:252 Resp: 3326207

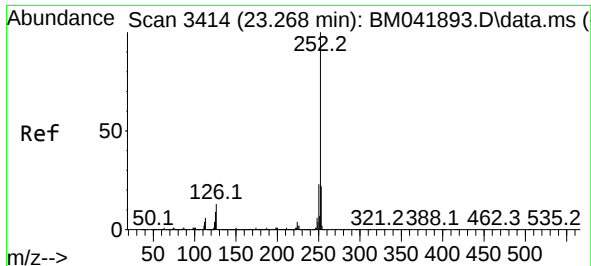
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 9.1 7.8 11.6

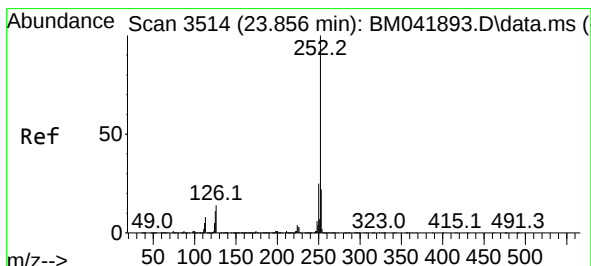
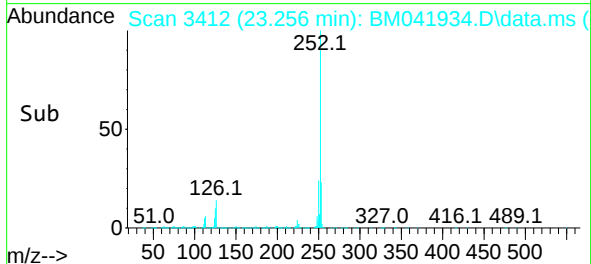
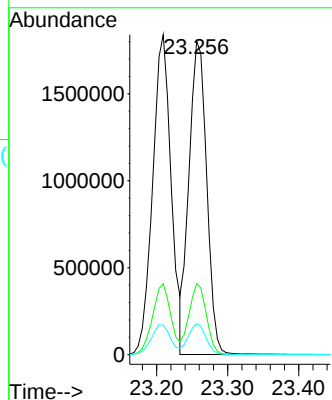
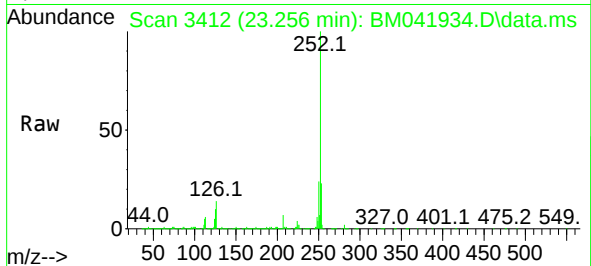




#89
Benzo(k)fluoranthene
Concen: 45.790 ng
RT: 23.256 min Scan# 3414
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

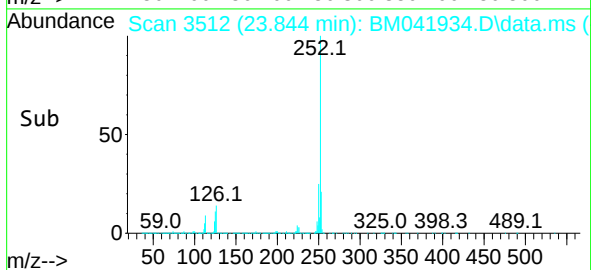
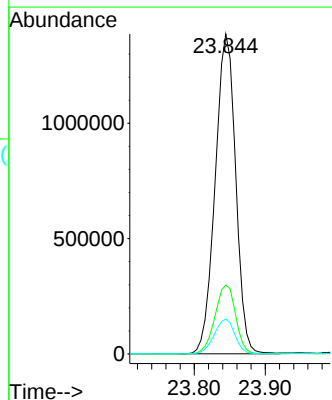
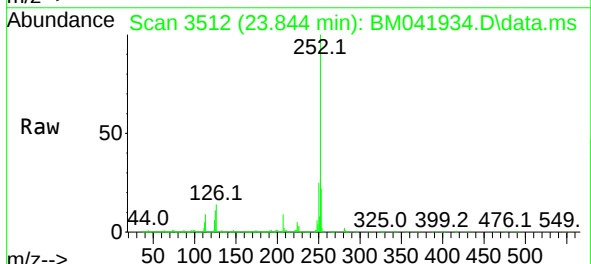
Instrument :
BNA_M
ClientSampleId :
PB155456BS

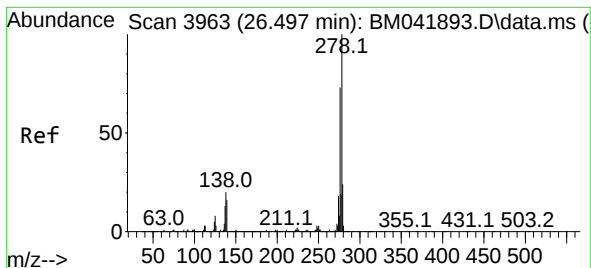
Tgt Ion:252 Resp: 3114470
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 9.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 42.933 ng
RT: 23.844 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BM041934.D
Acq: 20 Sep 2023 12:24

Tgt Ion:252 Resp: 2772851
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 11.0 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 47.653 ng

RT: 26.474 min Scan# 3963

Delta R.T. -0.024 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Instrument :

BNA_M

ClientSampleId :

PB155456BS

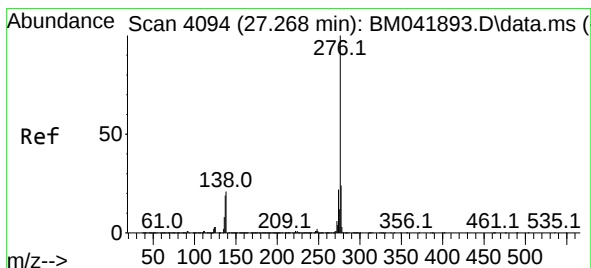
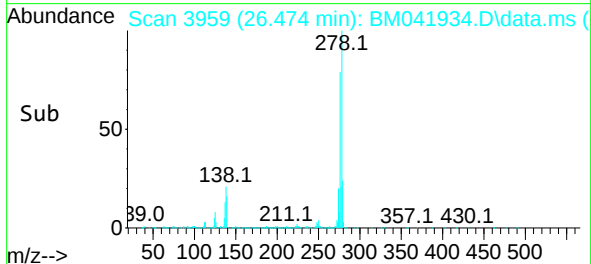
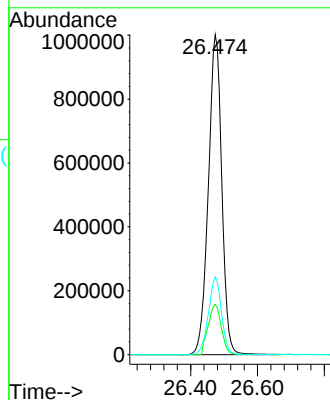
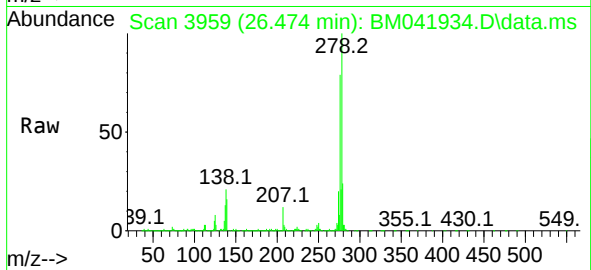
Tgt Ion:278 Resp: 2796377

Ion Ratio Lower Upper

278 100

139 15.7 12.8 19.2

279 24.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 47.242 ng

RT: 27.238 min Scan# 4089

Delta R.T. -0.029 min

Lab File: BM041934.D

Acq: 20 Sep 2023 12:24

Tgt Ion:276 Resp: 2648835

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.2

138 22.0 17.0 25.4

