

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
 Data File : BM038775.D
 Acq On : 17 Feb 2023 15:06
 Operator : CG/JU
 Sample : PB150858BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150858BS

Quant Time: Feb 17 15:40:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 06:10:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	62058	20.000	ng	-0.04
21) Naphthalene-d8	10.687	136	214296	20.000	ng	-0.04
39) Acenaphthene-d10	14.534	164	125660	20.000	ng	-0.03
64) Phenanthrene-d10	17.280	188	243081	20.000	ng	#-0.02
76) Chrysene-d12	21.474	240	202022	20.000	ng	-0.01
86) Perylene-d12	23.874	264	244914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	337202	106.440	ng	-0.03
7) Phenol-d6	7.058	99	390383	108.044	ng	-0.03
23) Nitrobenzene-d5	9.052	82	231864	61.457	ng	-0.04
42) 2,4,6-Tribromophenol	16.028	330	154855	90.665	ng	-0.02
45) 2-Fluorobiphenyl	13.151	172	627758	63.600	ng	-0.04
79) Terphenyl-d14	19.910	244	734396	64.150	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	46773	33.490	ng	95
3) Pyridine	3.693	79	108562	32.689	ng	91
4) n-Nitrosodimethylamine	3.605	42	52114	34.760	ng	86
6) Aniline	7.205	93	168484	37.382	ng	90
8) 2-Chlorophenol	7.440	128	161614	46.752	ng	96
9) Benzaldehyde	7.016	77	73387	46.082	ng	92
10) Phenol	7.081	94	169813	46.521	ng	88
11) bis(2-Chloroethyl)ether	7.305	93	127681	43.193	ng	96
12) 1,3-Dichlorobenzene	7.758	146	191819	43.430	ng	99
13) 1,4-Dichlorobenzene	7.910	146	195859	43.940	ng	98
14) 1,2-Dichlorobenzene	8.228	146	189197	44.306	ng	98
15) Benzyl Alcohol	8.128	79	110626	41.598	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.399	45	103591	36.996	ng	97
17) 2-Methylphenol	8.334	107	116618	41.652	ng	95
18) Hexachloroethane	8.952	117	67943	47.198	ng	96
19) n-Nitroso-di-n-propyla...	8.693	70	91123	41.840	ng	94
20) 3+4-Methylphenols	8.669	107	156831	42.012	ng	97
22) Acetophenone	8.710	105	209777	41.048	ng	# 96
24) Nitrobenzene	9.099	77	145403	37.971	ng	90
25) Isophorone	9.622	82	247536	37.454	ng	100
26) 2-Nitrophenol	9.810	139	89846	42.164	ng	94
27) 2,4-Dimethylphenol	9.869	122	132361	43.052	ng	97
28) bis(2-Chloroethoxy)met...	10.104	93	159276	39.434	ng	98
29) 2,4-Dichlorophenol	10.346	162	161594	36.996	ng	97
30) 1,2,4-Trichlorobenzene	10.551	180	163734	35.240	ng	98
31) Naphthalene	10.740	128	461261	41.945	ng	98
32) Benzoic acid	10.040	122	96762	38.880	ng	94
33) 4-Chloroaniline	10.863	127	81865	16.987	ng	97
34) Hexachlorobutadiene	11.010	225	91675	39.388	ng	97
35) Caprolactam	11.669	113	35222	37.443	ng	96
36) 4-Chloro-3-methylphenol	11.998	107	120309	37.250	ng	96
37) 2-Methylnaphthalene	12.351	142	328450	36.960	ng	99
38) 1-Methylnaphthalene	12.569	142	305348	36.465	ng	97
40) 1,2,4,5-Tetrachloroben...	12.722	216	146143	44.687	ng	99
41) Hexachlorocyclopentadiene	12.687	237	230947	113.803	ng	99
43) 2,4,6-Trichlorophenol	12.969	196	104843	40.807	ng	96

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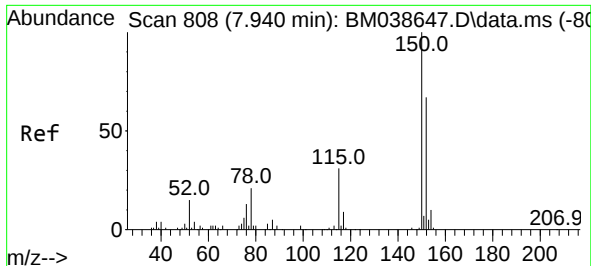
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	111067	36.736	ng	94
46) 1,1'-Biphenyl	13.363	154	436159	43.817	ng	99
47) 2-Chloronaphthalene	13.410	162	340968	43.531	ng	96
48) 2-Nitroaniline	13.628	65	68731	39.294	ng	95
49) Acenaphthylene	14.251	152	522689	42.367	ng	99
50) Dimethylphthalate	13.998	163	397948	38.807	ng	99
51) 2,6-Dinitrotoluene	14.128	165	82993	39.820	ng	96
52) Acenaphthene	14.598	154	305659	41.493	ng	99
53) 3-Nitroaniline	14.457	138	57805	27.230	ng	98
54) 2,4-Dinitrophenol	14.669	184	104298	76.882	ng	# 86
55) Dibenzofuran	14.934	168	483705	38.131	ng	95
56) 4-Nitrophenol	14.775	139	143136	85.630	ng	92
57) 2,4-Dinitrotoluene	14.916	165	113103	37.158	ng	94
58) Fluorene	15.581	166	388195	38.676	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	83062	39.473	ng	96
60) Diethylphthalate	15.357	149	390823	40.230	ng	98
61) 4-Chlorophenyl-phenyle...	15.575	204	168615	39.599	ng	97
62) 4-Nitroaniline	15.622	138	74586	33.876	ng	98
63) Azobenzene	15.869	77	313782	41.982	ng	98
65) 4,6-Dinitro-2-methylph...	15.681	198	55754	36.435	ng	96
66) n-Nitrosodiphenylamine	15.792	169	321192	40.468	ng	98
67) 4-Bromophenyl-phenylether	16.469	248	97977	41.744	ng	96
68) Hexachlorobenzene	16.580	284	123840	43.173	ng	93
69) Atrazine	16.751	200	100110	43.518	ng	97
70) Pentachlorophenol	16.933	266	151073	72.248	ng	99
71) Phenanthrene	17.322	178	575433	39.868	ng	99
72) Anthracene	17.416	178	570004	38.604	ng	98
73) Carbazole	17.692	167	524002	38.051	ng	98
74) Di-n-butylphthalate	18.245	149	662150	42.559	ng	99
75) Fluoranthene	19.345	202	567172	37.426	ng	99
77) Benzidine	19.539	184	344276	56.156	ng	99
78) Pyrene	19.704	202	619054	39.801	ng	99
80) Butylbenzylphthalate	20.604	149	295109	38.513	ng	99
81) Benzo(a)anthracene	21.463	228	577323	40.399	ng	99
82) 3,3'-Dichlorobenzidine	21.398	252	179687	36.549	ng	98
83) Chrysene	21.515	228	537043	39.004	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	437904	39.150	ng	98
85) Di-n-octyl phthalate	22.298	149	771630	42.147	ng	99
87) Indeno(1,2,3-cd)pyrene	26.362	276	914406	47.401	ng	99
88) Benzo(b)fluoranthene	23.145	252	654868	44.642	ng	99
89) Benzo(k)fluoranthene	23.192	252	638137	42.839	ng	100
90) Benzo(a)pyrene	23.768	252	571385	39.387	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	781442	48.148	ng	99
92) Benzo(g,h,i)perylene	27.133	276	709207	43.228	ng	99

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

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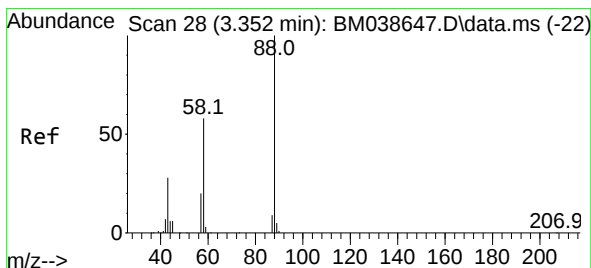
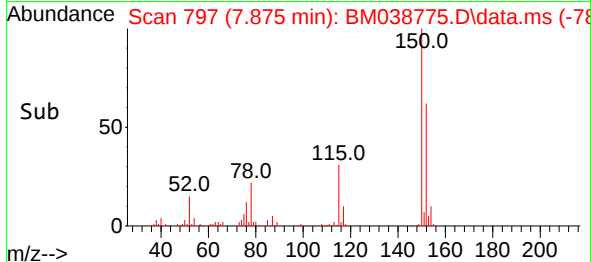
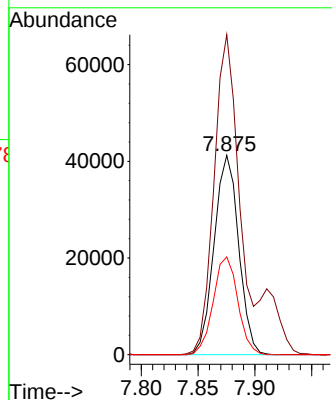
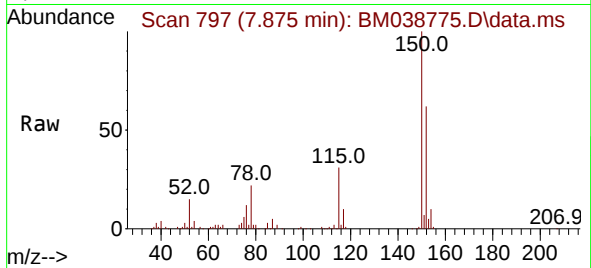




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 79
Delta R.T. -0.041 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

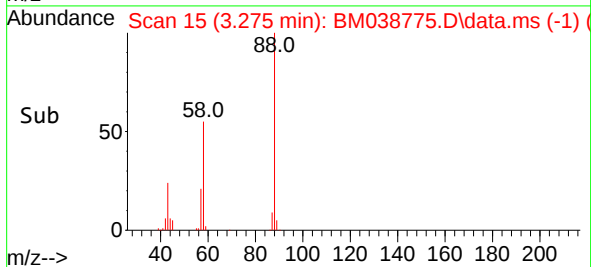
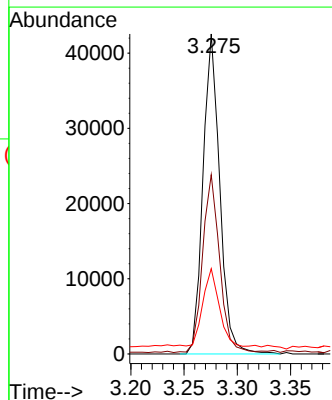
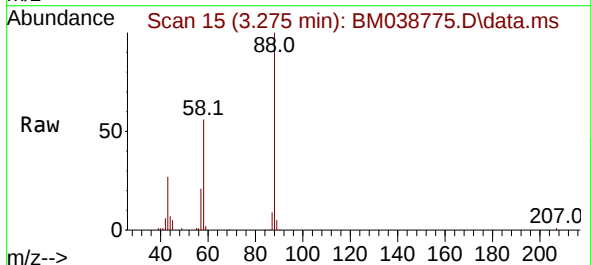
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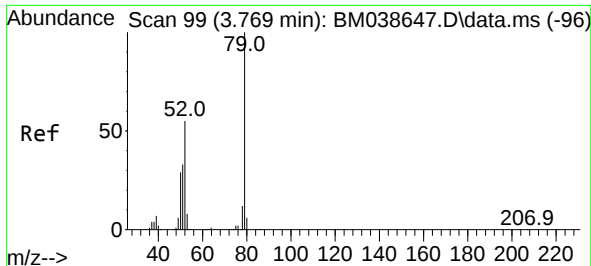
Tgt Ion:152 Resp: 62058
Ion Ratio Lower Upper
152 100
150 160.5 119.5 179.3
115 49.1 37.6 56.4



#2
1,4-Dioxane
Concen: 33.490 ng
RT: 3.275 min Scan# 15
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion: 88 Resp: 46773
Ion Ratio Lower Upper
88 100
58 55.9 47.0 70.4
43 23.4 22.6 33.8

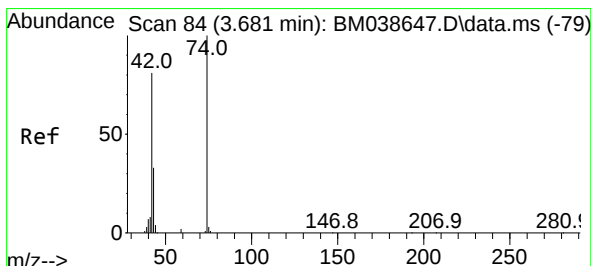
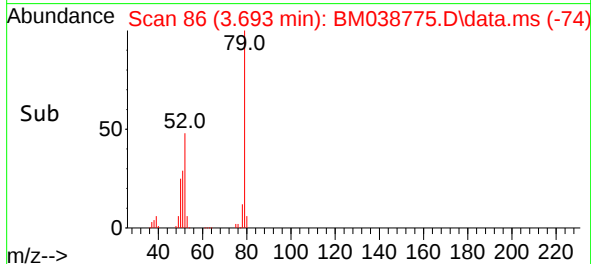
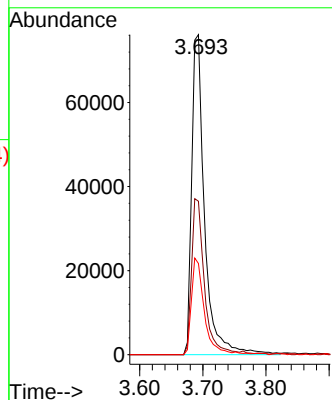
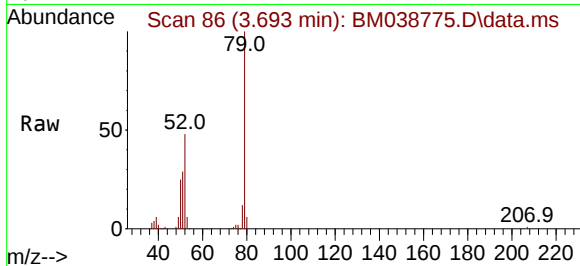




#3
 Pyridine
 Concen: 32.689 ng
 RT: 3.693 min Scan# 80
 Delta R.T. -0.029 min
 Lab File: BM038775.D
 Acq: 17 Feb 2023 15:06

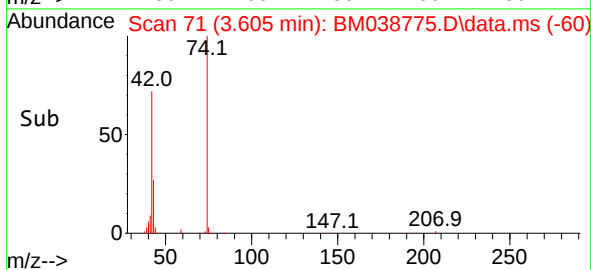
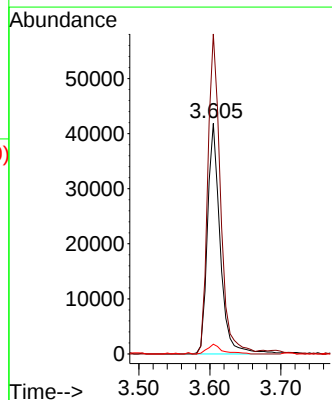
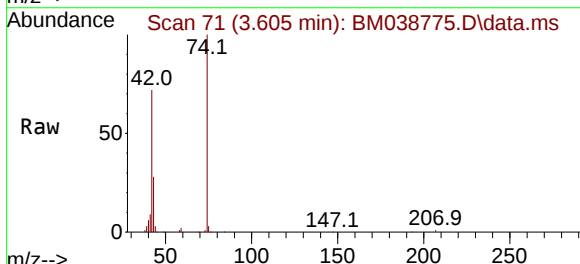
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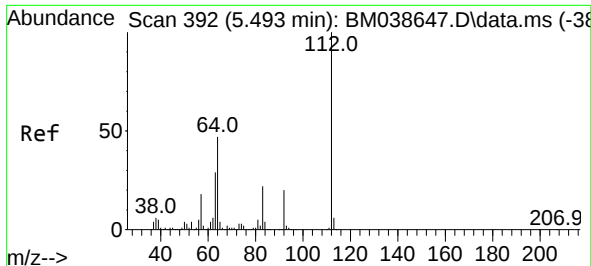
Tgt Ion: 79 Resp: 108562
 Ion Ratio Lower Upper
 79 100
 52 47.9 43.7 65.5
 51 28.5 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 34.760 ng
 RT: 3.605 min Scan# 71
 Delta R.T. -0.035 min
 Lab File: BM038775.D
 Acq: 17 Feb 2023 15:06

Tgt Ion: 42 Resp: 52114
 Ion Ratio Lower Upper
 42 100
 74 138.8 98.4 147.6
 44 4.2 3.5 5.3

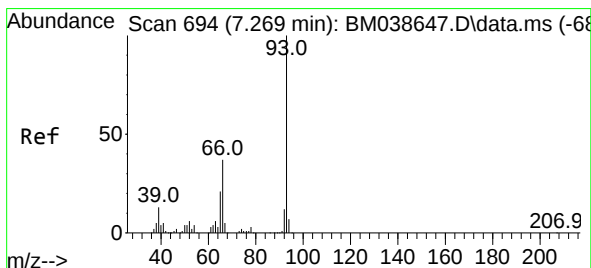
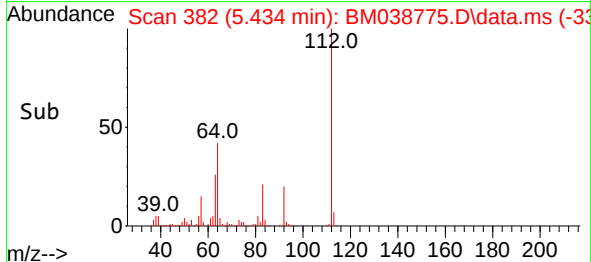
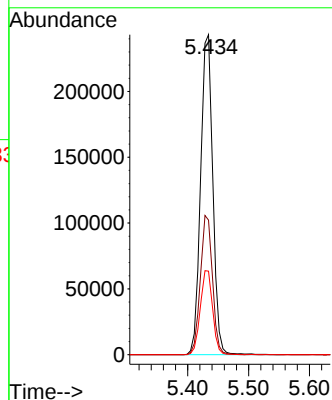
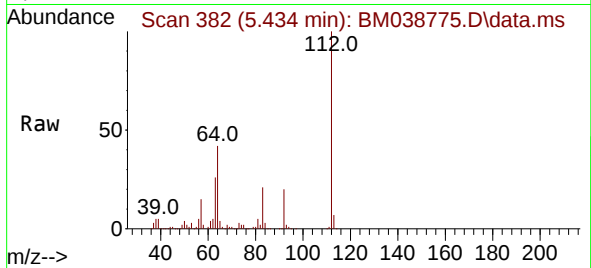




#5
2-Fluorophenol
Concen: 106.440 ng
RT: 5.434 min Scan# 311
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

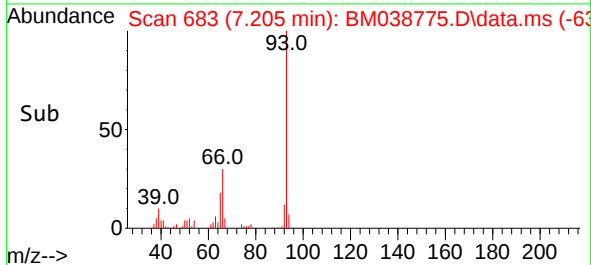
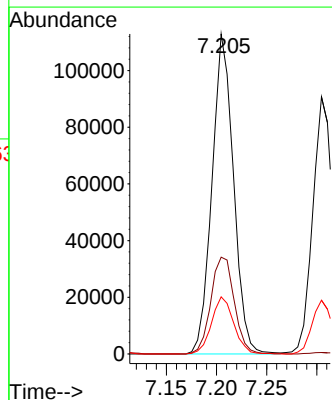
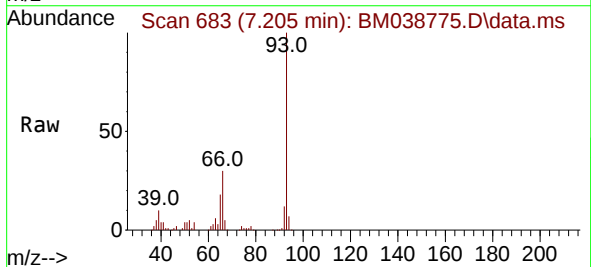
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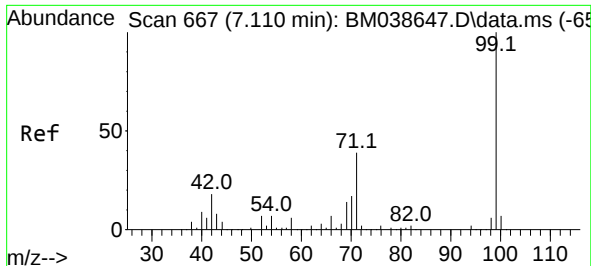
Tgt Ion:112 Resp: 337202
Ion Ratio Lower Upper
112 100
64 42.1 37.9 56.9
63 26.1 23.3 34.9



#6
Aniline
Concen: 37.382 ng
RT: 7.205 min Scan# 683
Delta R.T. -0.041 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion: 93 Resp: 168484
Ion Ratio Lower Upper
93 100
66 30.2 29.8 44.8
65 17.9 16.9 25.3

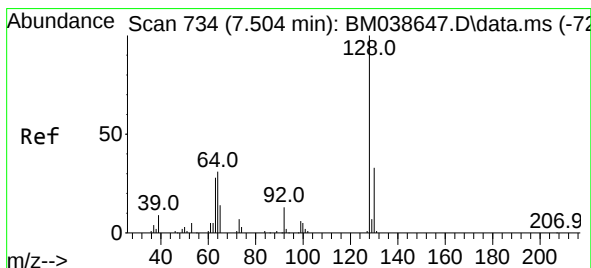
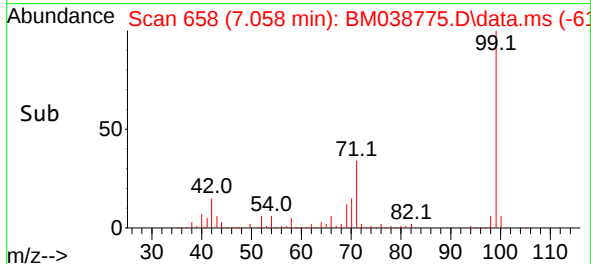
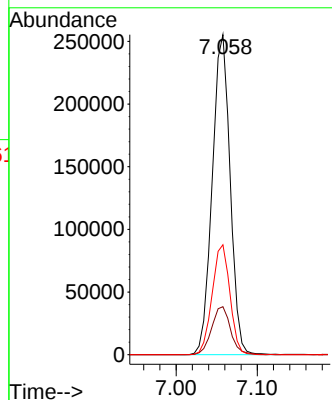
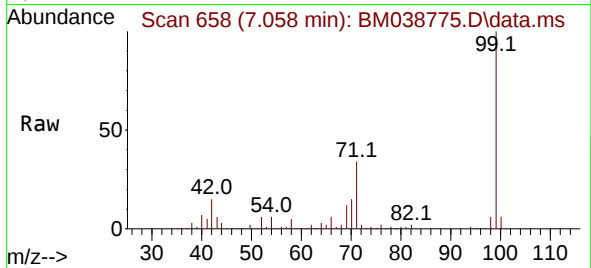




#7
Phenol-d6
Concen: 108.044 ng
RT: 7.058 min Scan# 61
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

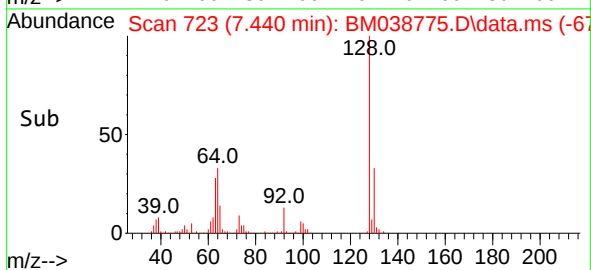
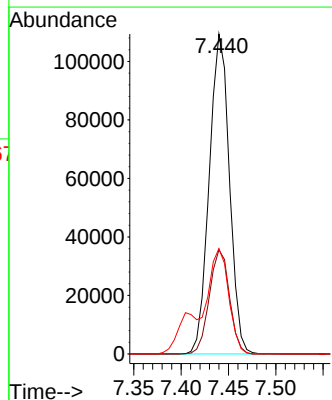
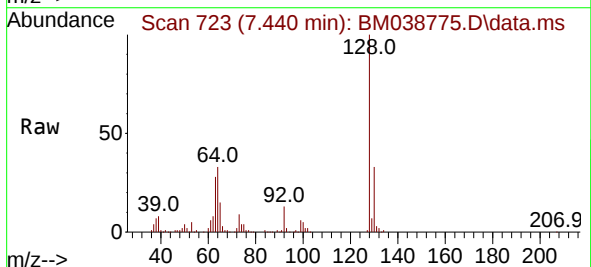
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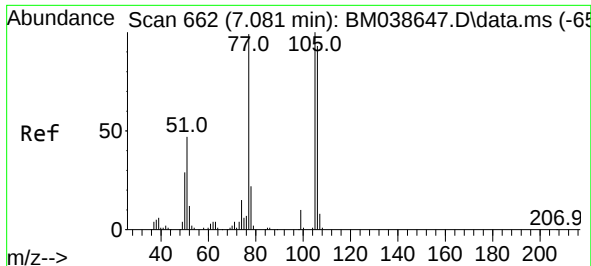
Tgt Ion: 99 Resp: 390383
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 34.4 31.0 46.4



#8
2-Chlorophenol
Concen: 46.752 ng
RT: 7.440 min Scan# 723
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion: 128 Resp: 161614
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 33.0 17.3 57.3

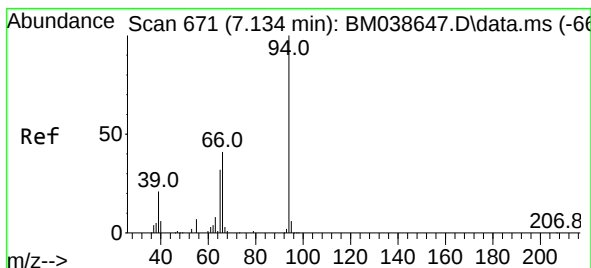
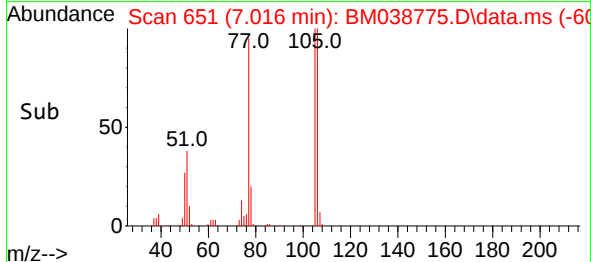
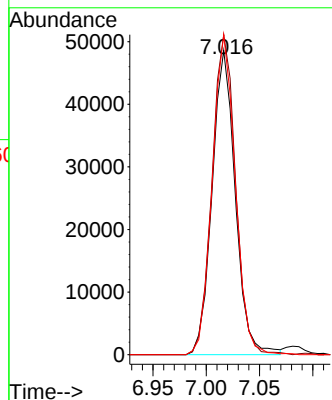
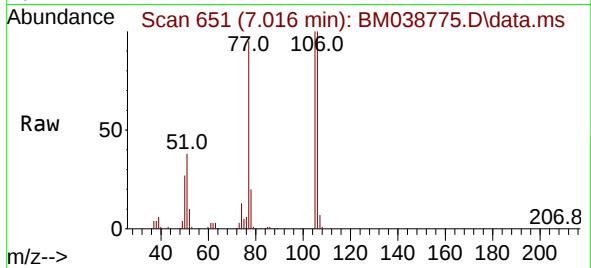




#9
Benzaldehyde
Concen: 46.082 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.041 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

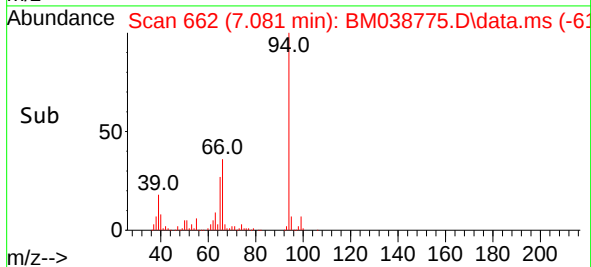
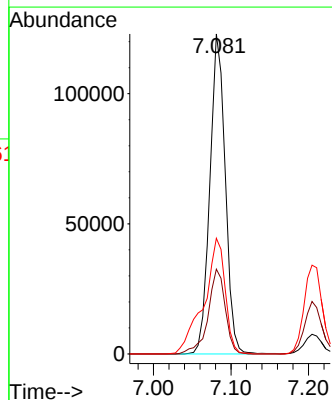
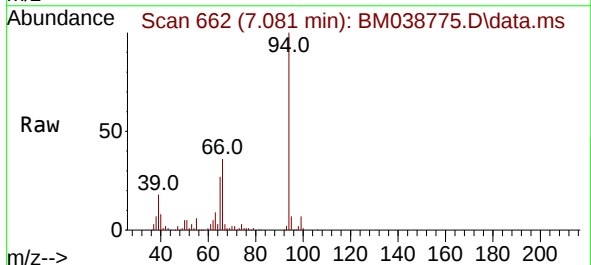
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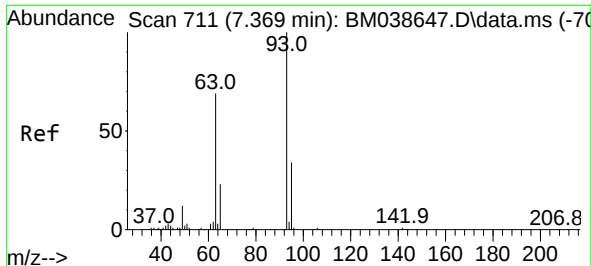
Tgt Ion: 77 Resp: 73387
Ion Ratio Lower Upper
77 100
105 105.2 80.8 120.8
106 105.2 73.8 113.8



#10
Phenol
Concen: 46.521 ng
RT: 7.081 min Scan# 662
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion: 94 Resp: 169813
Ion Ratio Lower Upper
94 100
65 26.5 12.3 52.3
66 36.1 24.2 64.2

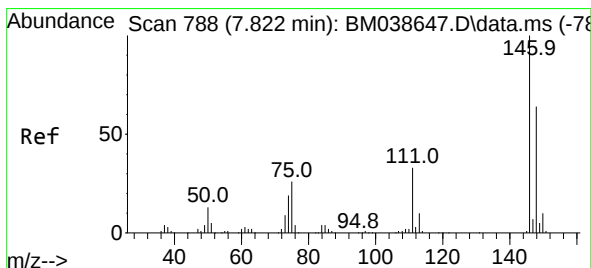
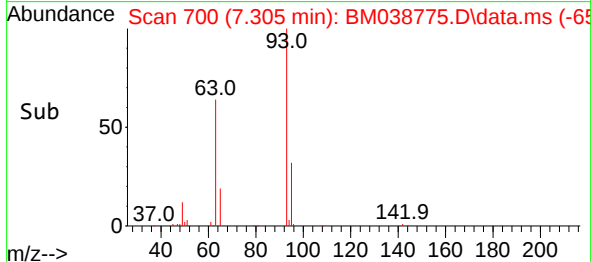
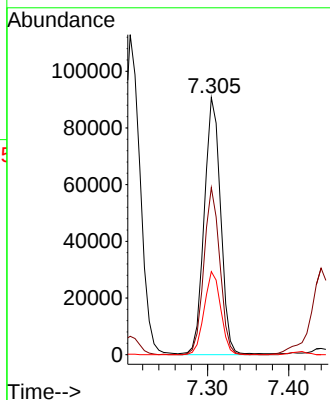
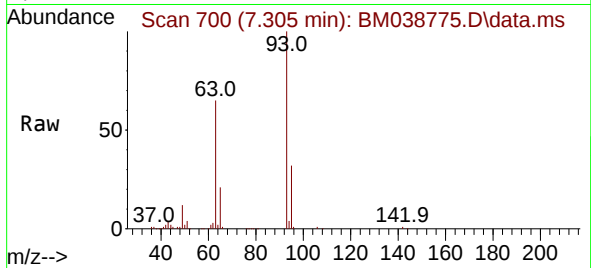




#11
bis(2-Chloroethyl)ether
Concen: 43.193 ng
RT: 7.305 min Scan# 70
Delta R.T. -0.041 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

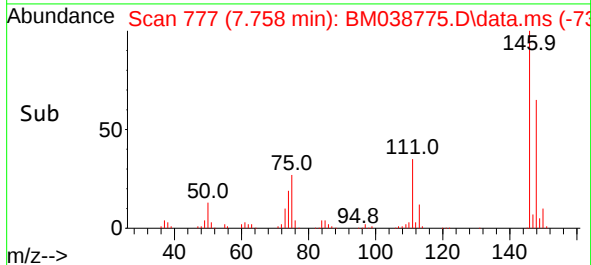
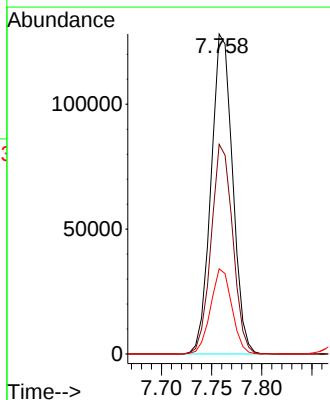
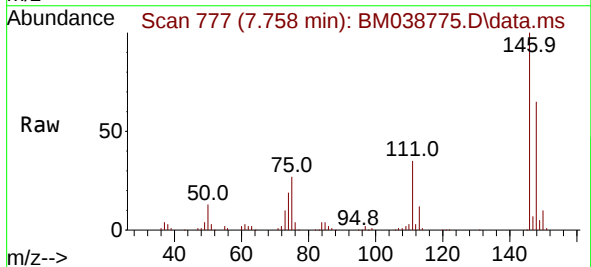
Instrument :
BNA_M
ClientSampleId :
PB150858BS

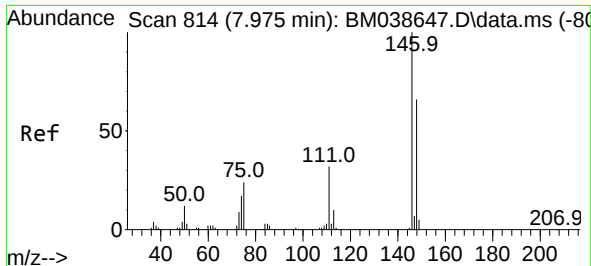
Tgt Ion: 93 Resp: 127681
Ion Ratio Lower Upper
93 100
63 65.0 48.5 88.5
95 32.3 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 43.430 ng
RT: 7.758 min Scan# 777
Delta R.T. -0.041 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:146 Resp: 191819
Ion Ratio Lower Upper
146 100
148 65.5 51.5 77.3
75 26.6 21.1 31.7

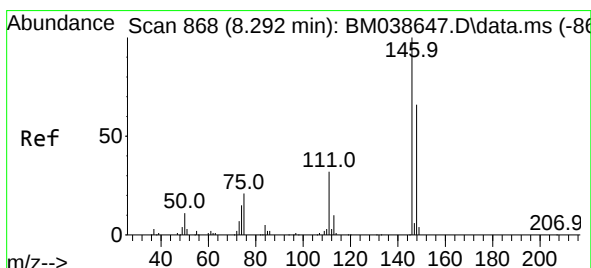
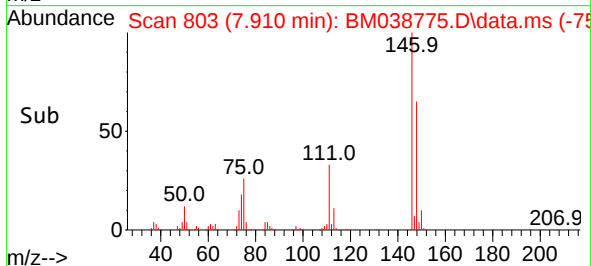
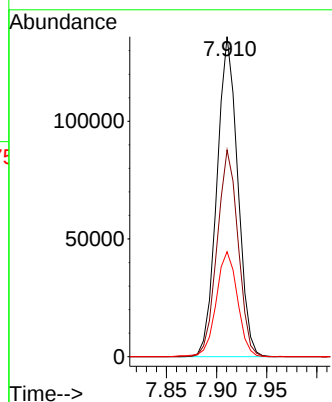
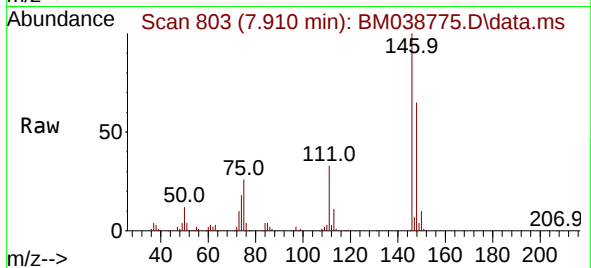




#13
1,4-Dichlorobenzene
Concen: 43.940 ng
RT: 7.910 min Scan# 80
Delta R.T. -0.041 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

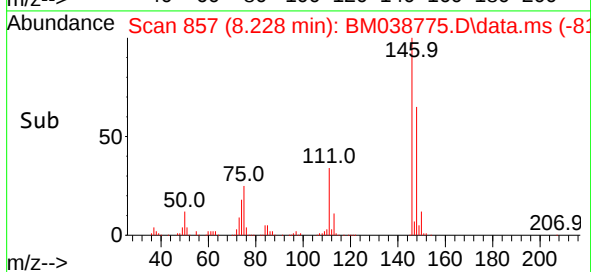
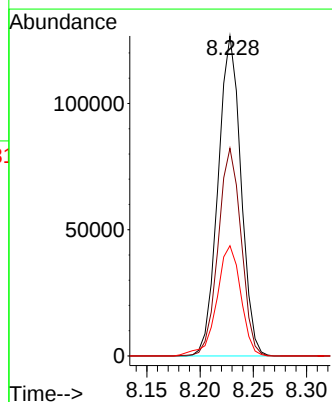
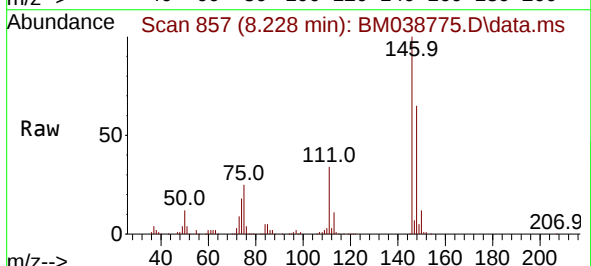
Instrument :
BNA_M
ClientSampleId :
PB150858BS

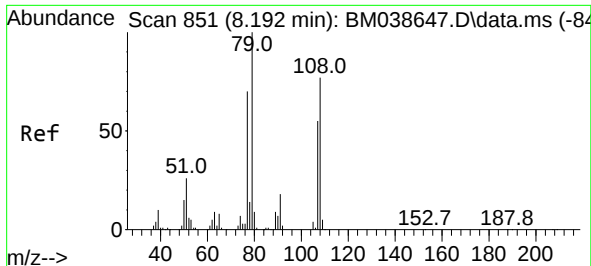
Tgt Ion:146 Resp: 195859
Ion Ratio Lower Upper
146 100
148 64.6 53.1 79.7
111 32.8 25.9 38.9



#14
1,2-Dichlorobenzene
Concen: 44.306 ng
RT: 8.228 min Scan# 857
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:146 Resp: 189197
Ion Ratio Lower Upper
146 100
148 64.9 52.9 79.3
111 34.5 26.2 39.2

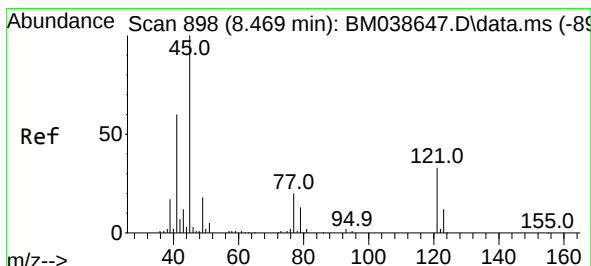
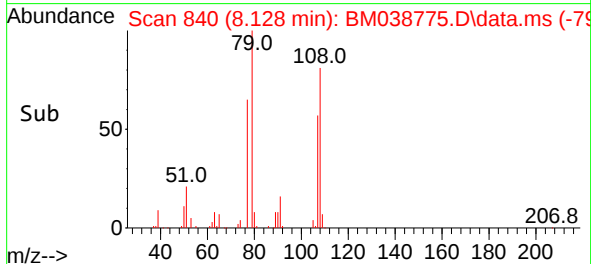
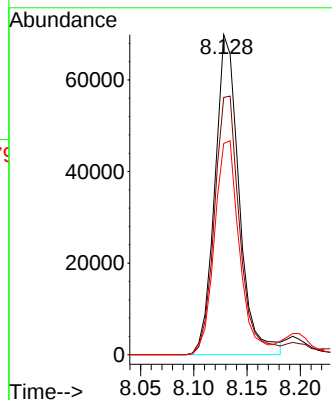
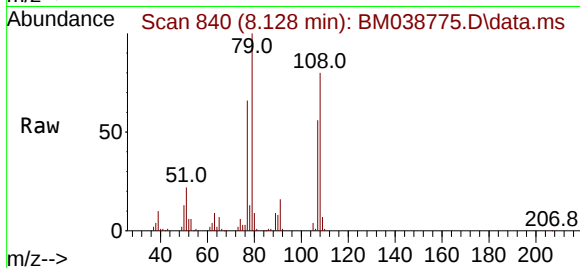




#15
Benzyl Alcohol
Concen: 41.598 ng
RT: 8.128 min Scan# 841
Delta R.T. -0.041 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

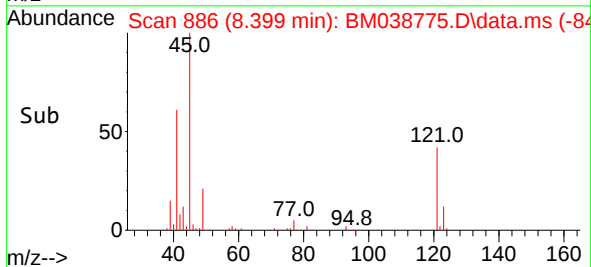
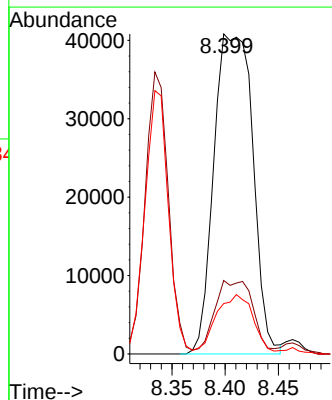
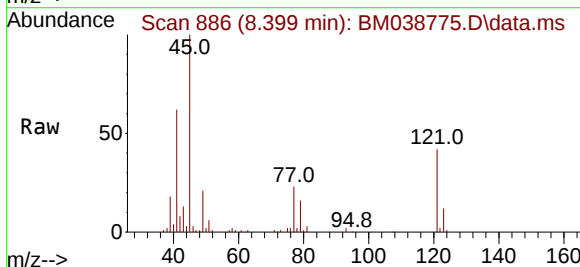
Instrument :
BNA_M
ClientSampleId :
PB150858BS

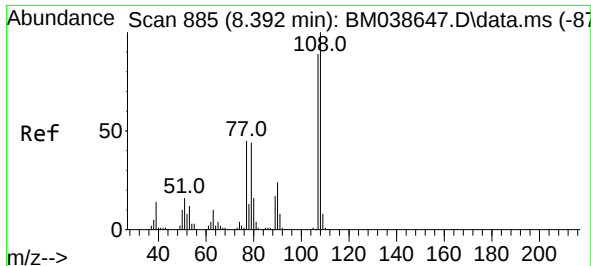
Tgt Ion: 79 Resp: 110626
Ion Ratio Lower Upper
79 100
108 80.4 61.9 92.9
77 66.0 55.8 83.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.996 ng
RT: 8.399 min Scan# 886
Delta R.T. -0.053 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion: 45 Resp: 103591
Ion Ratio Lower Upper
45 100
77 22.9 1.1 41.1
79 15.7 0.0 34.6





#17

2-Methylphenol

Concen: 41.652 ng

RT: 8.334 min Scan# 81

Delta R.T. -0.035 min

Lab File: BM038775.D

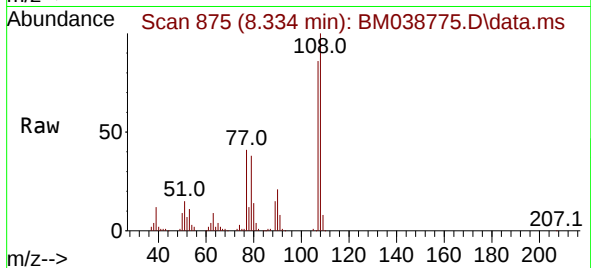
Acq: 17 Feb 2023 15:06

Instrument :

BNA_M

ClientSampleId :

PB150858BS



Tgt Ion:107 Resp: 116618

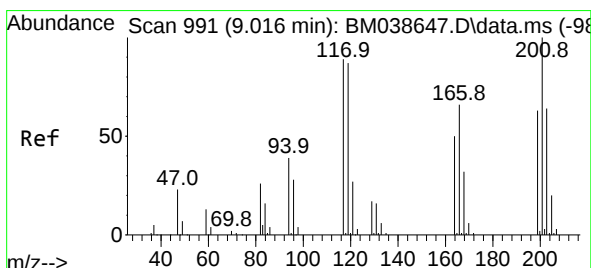
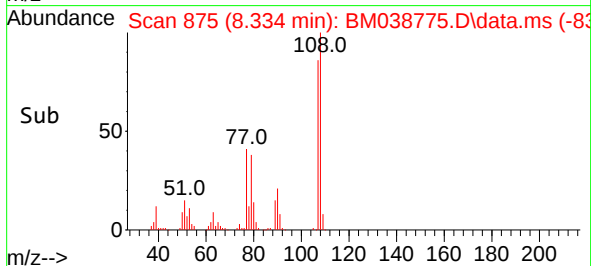
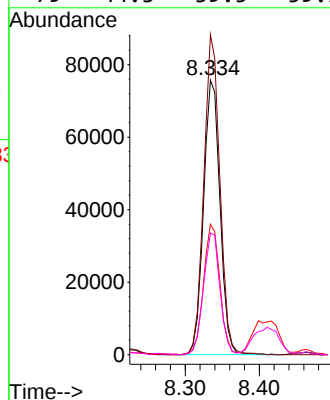
Ion Ratio Lower Upper

107 100

108 116.6 89.6 134.4

77 47.5 40.7 61.1

79 44.3 39.5 59.3



#18

Hexachloroethane

Concen: 47.198 ng

RT: 8.952 min Scan# 980

Delta R.T. -0.041 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

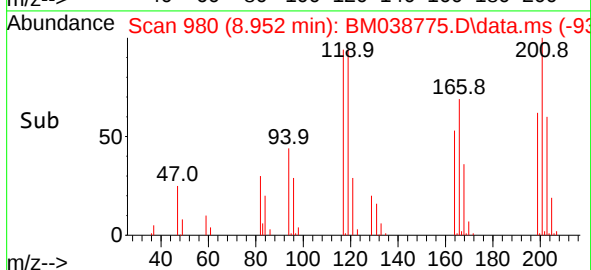
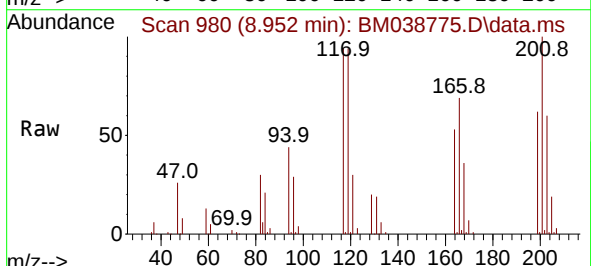
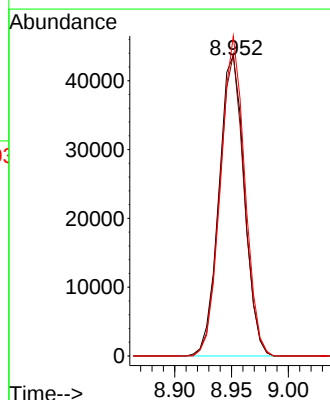
Tgt Ion:117 Resp: 67943

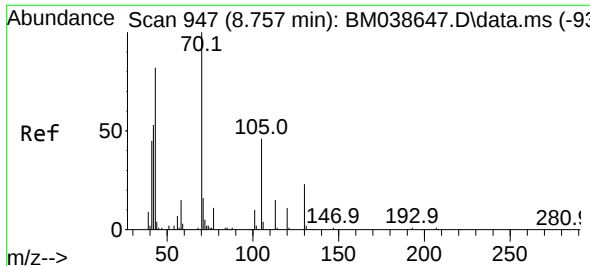
Ion Ratio Lower Upper

117 100

119 100.4 78.6 117.8

201 106.4 90.2 135.2

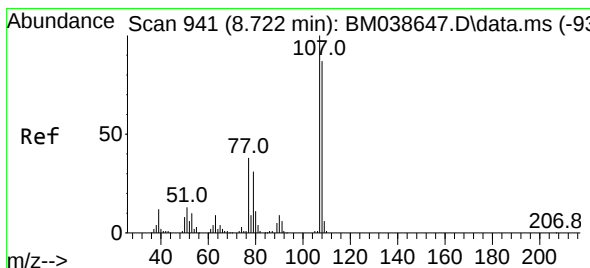
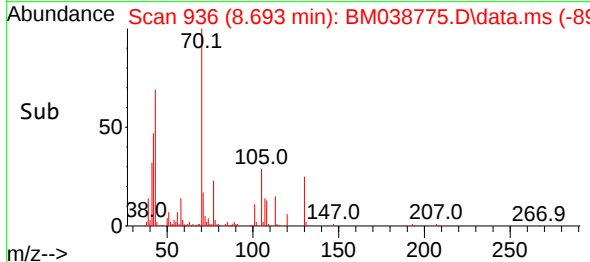
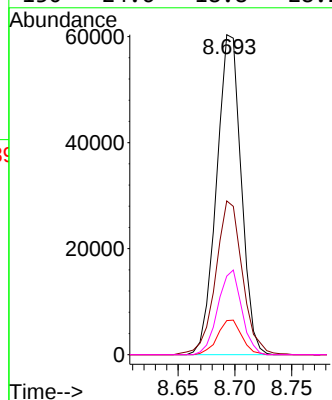
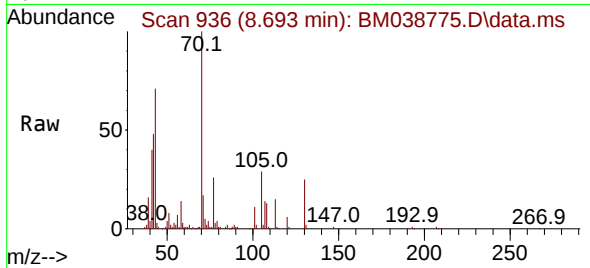




#19
n-Nitroso-di-n-propylamine
Concen: 41.840 ng
RT: 8.693 min Scan# 911
Delta R.T. -0.041 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

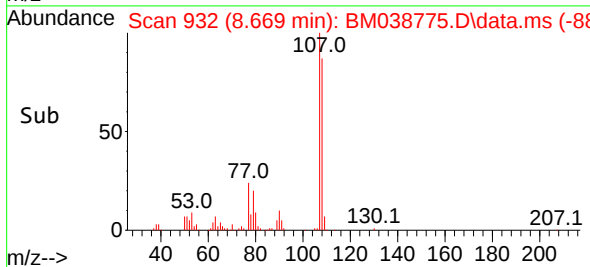
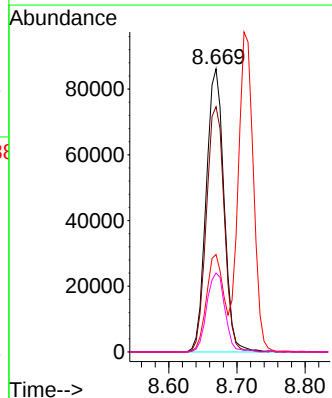
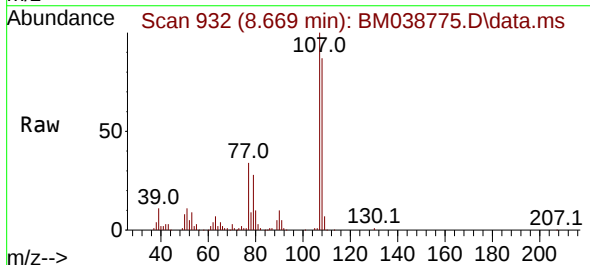
Instrument :
BNA_M
ClientSampleId :
PB150858BS

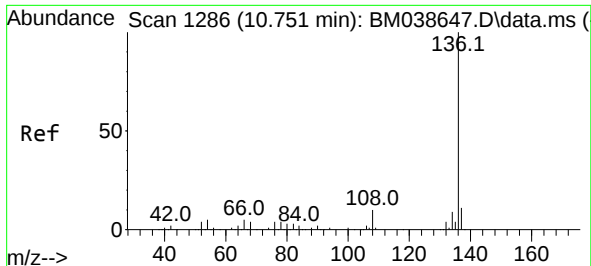
Tgt Ion:	70	Resp:	91123
Ion	Ratio	Lower	Upper
70	100		
42	48.0	43.4	65.2
101	10.7	8.2	12.2
130	24.6	18.8	28.2



#20
3+4-Methylphenols
Concen: 42.012 ng
RT: 8.669 min Scan# 932
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

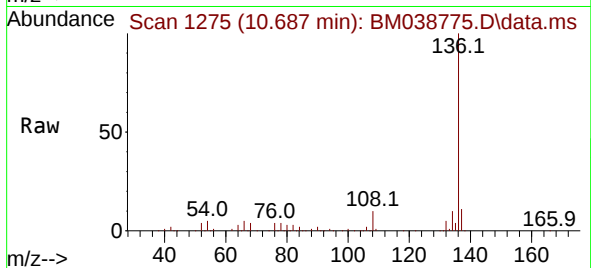
Tgt Ion:	107	Resp:	156831
Ion	Ratio	Lower	Upper
107	100		
108	86.6	67.2	107.2
77	34.4	17.5	57.5
79	27.9	10.8	50.8



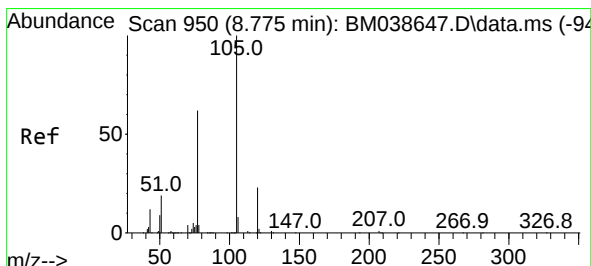
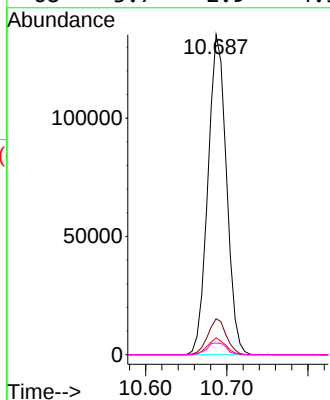
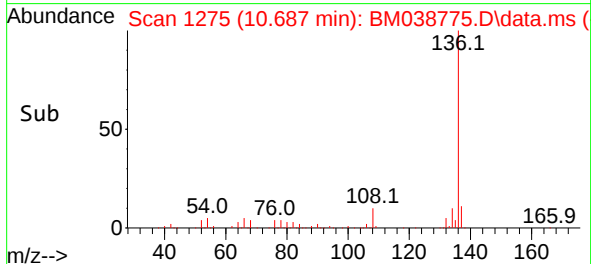


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 11
Delta R.T. -0.041 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

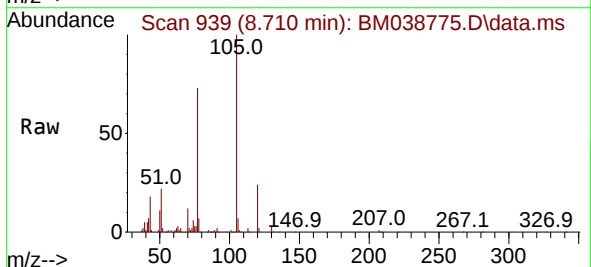
Instrument :
BNA_M
ClientSampleId :
PB150858BS



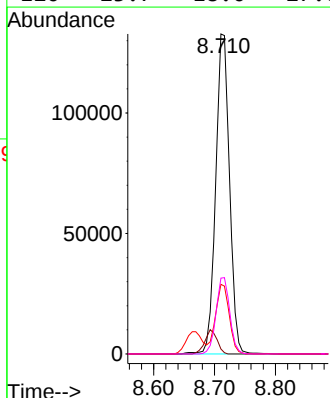
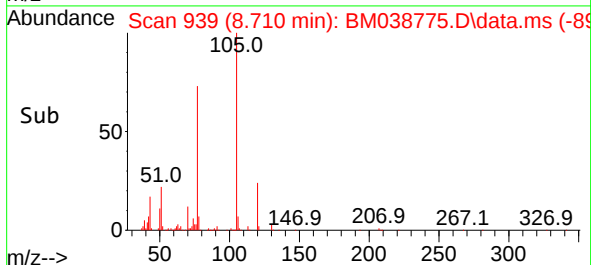
Tgt Ion:136 Resp: 214296
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.3 4.2 6.4
68 3.7 2.9 4.3

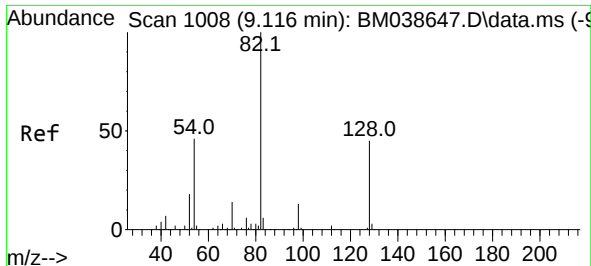


#22
Acetophenone
Concen: 41.048 ng
RT: 8.710 min Scan# 939
Delta R.T. -0.041 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06



Tgt Ion:105 Resp: 209777
Ion Ratio Lower Upper
105 100
71 1.6 0.9 1.3#
51 21.7 19.3 28.9
120 23.7 18.0 27.0

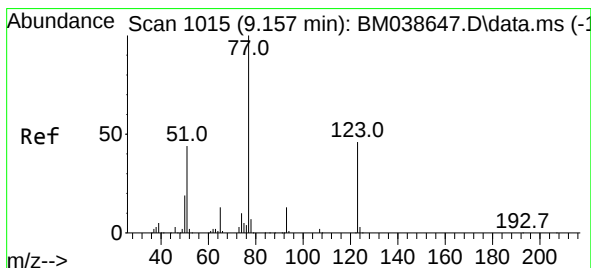
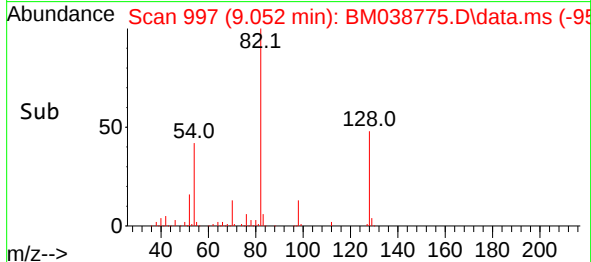
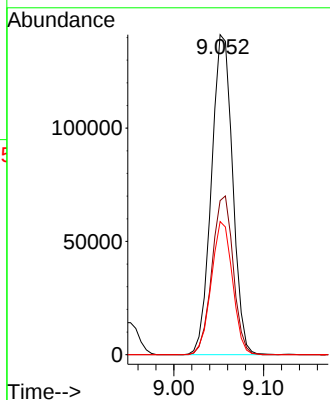
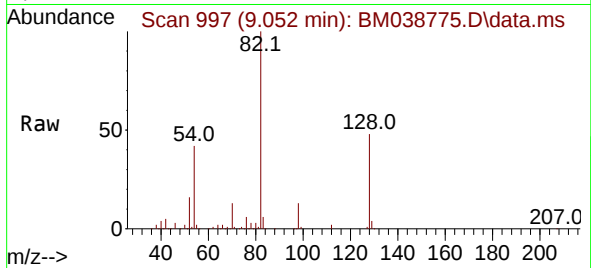




#23
Nitrobenzene-d5
Concen: 61.457 ng
RT: 9.052 min Scan# 91
Delta R.T. -0.041 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

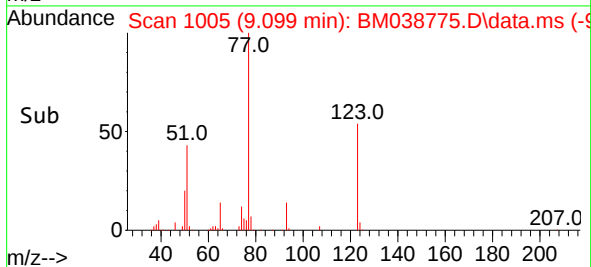
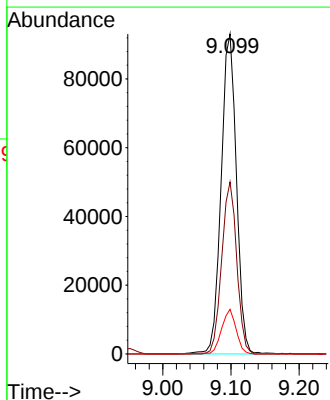
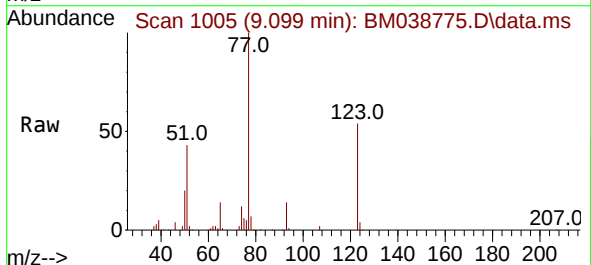
Instrument :
BNA_M
ClientSampleId :
PB150858BS

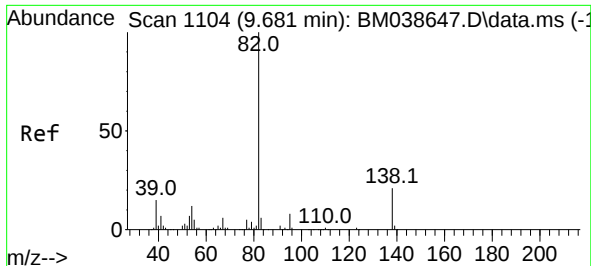
Tgt Ion: 82 Resp: 231864
Ion Ratio Lower Upper
82 100
128 48.2 36.0 54.0
54 41.6 36.8 55.2



#24
Nitrobenzene
Concen: 37.971 ng
RT: 9.099 min Scan# 1005
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion: 77 Resp: 145403
Ion Ratio Lower Upper
77 100
123 53.8 36.5 54.7
65 14.0 10.7 16.1

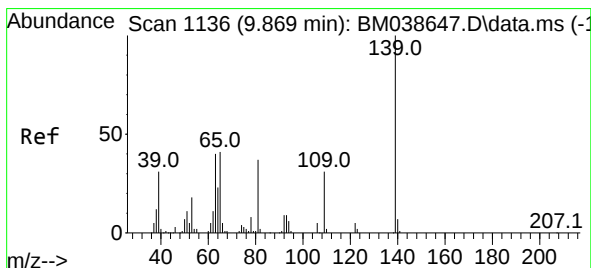
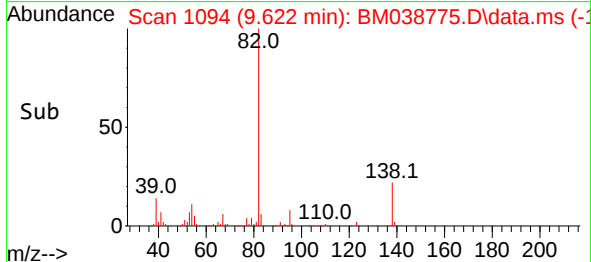
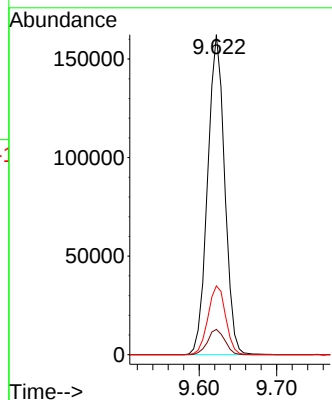
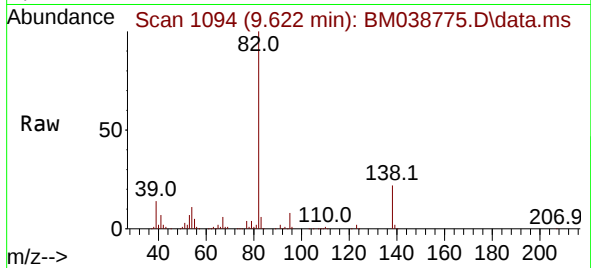




#25
Isophorone
Concen: 37.454 ng
RT: 9.622 min Scan# 1094
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

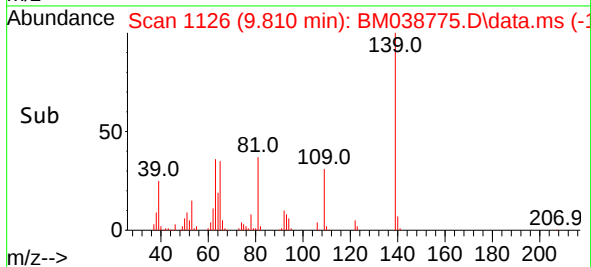
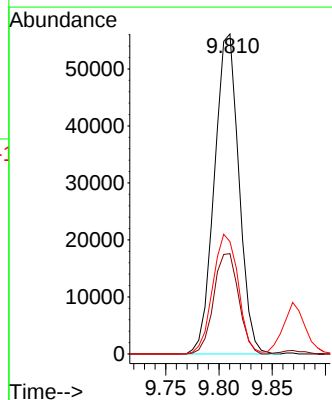
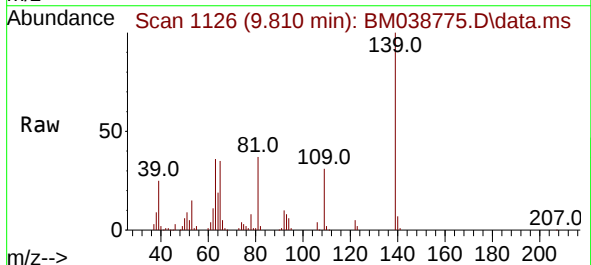
Instrument :
BNA_M
ClientSampleId :
PB150858BS

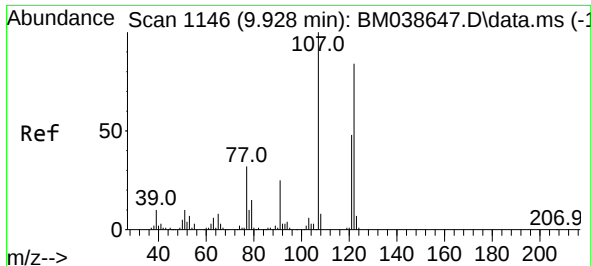
Tgt Ion: 82 Resp: 247536
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 21.5 17.0 25.6



#26
2-Nitrophenol
Concen: 42.164 ng
RT: 9.810 min Scan# 1126
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:139 Resp: 89846
Ion Ratio Lower Upper
139 100
109 31.4 24.5 36.7
65 35.1 32.6 49.0





#27

2,4-Dimethylphenol

Concen: 43.052 ng

RT: 9.869 min Scan# 1136

Delta R.T. -0.035 min

Lab File: BM038775.D

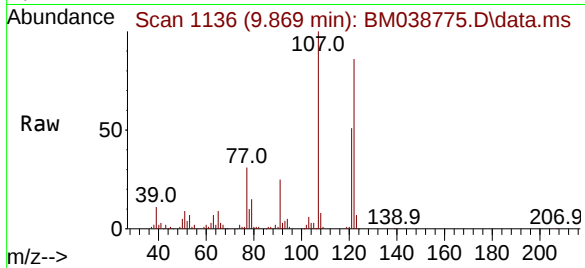
Acq: 17 Feb 2023 15:06

Instrument :

BNA_M

ClientSampleId :

PB150858BS



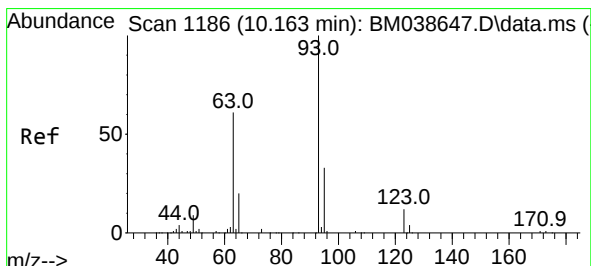
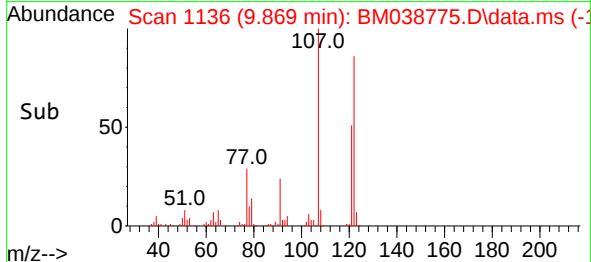
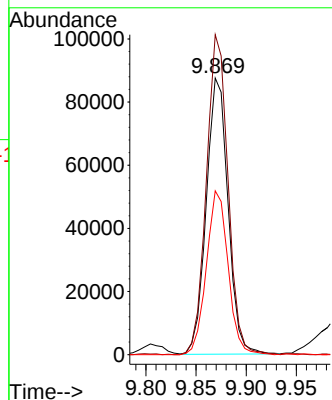
Tgt Ion:122 Resp: 132361

Ion Ratio Lower Upper

122 100

107 115.7 94.9 142.3

121 59.2 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.434 ng

RT: 10.104 min Scan# 1176

Delta R.T. -0.041 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

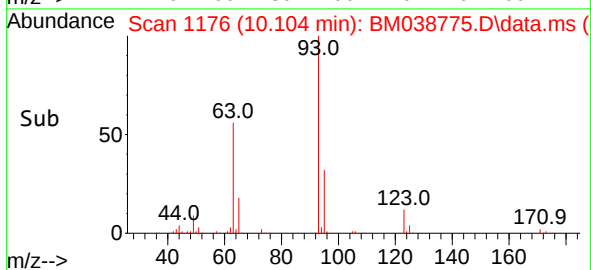
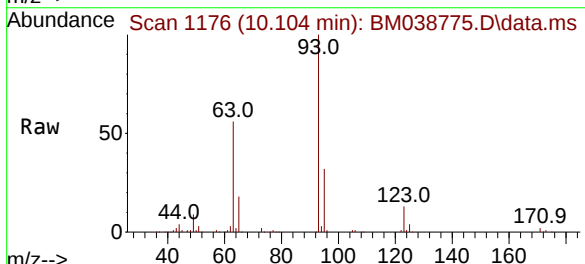
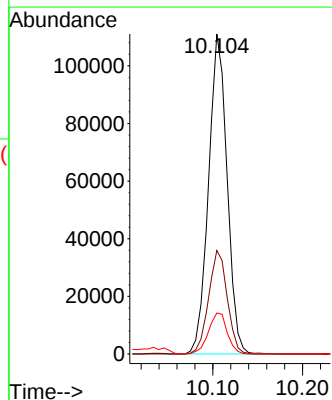
Tgt Ion: 93 Resp: 159276

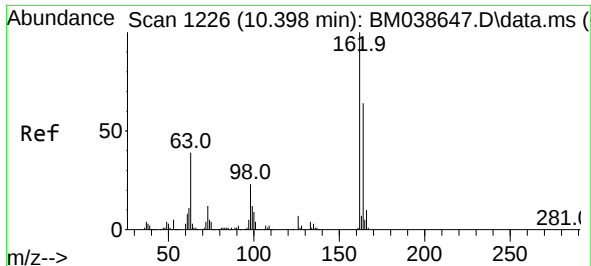
Ion Ratio Lower Upper

93 100

95 32.4 26.6 40.0

123 12.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 36.996 ng

RT: 10.346 min Scan# 1

Delta R.T. -0.035 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA_M

ClientSampleId :

PB150858BS

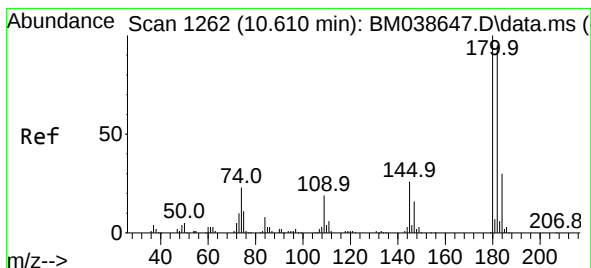
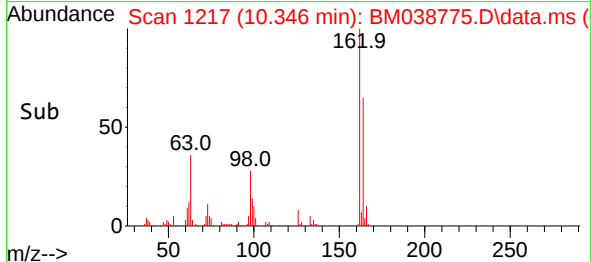
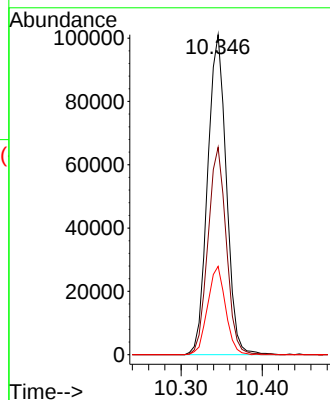
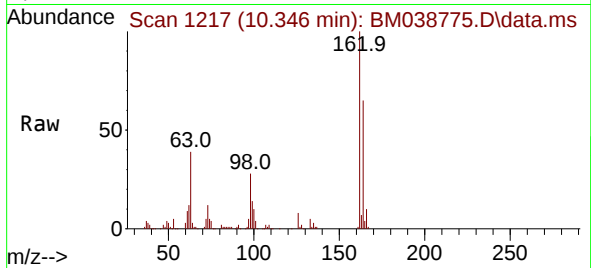
Tgt Ion:162 Resp: 161594

Ion Ratio Lower Upper

162 100

164 64.8 44.3 84.3

98 27.6 3.1 43.1



#30

1,2,4-Trichlorobenzene

Concen: 35.240 ng

RT: 10.551 min Scan# 1252

Delta R.T. -0.035 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

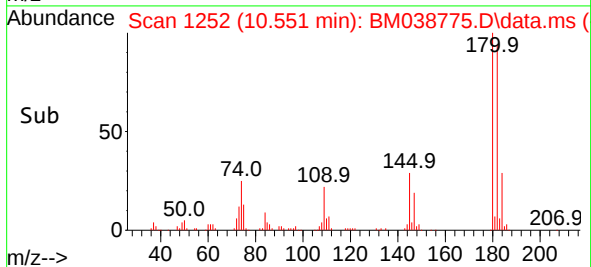
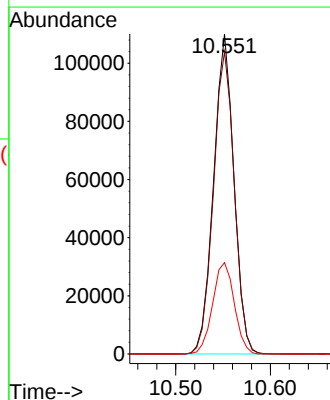
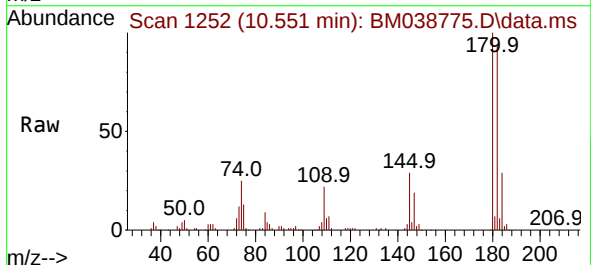
Tgt Ion:180 Resp: 163734

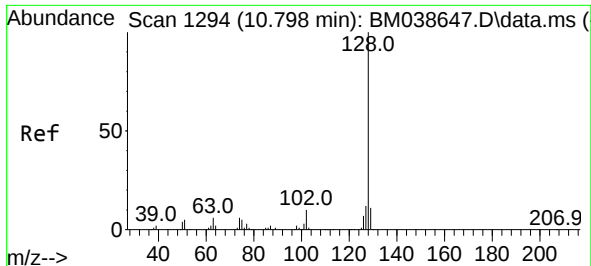
Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

145 28.5 20.8 31.2

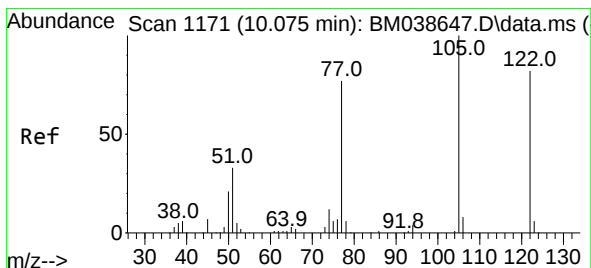
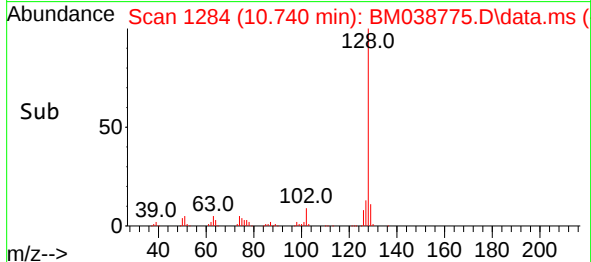
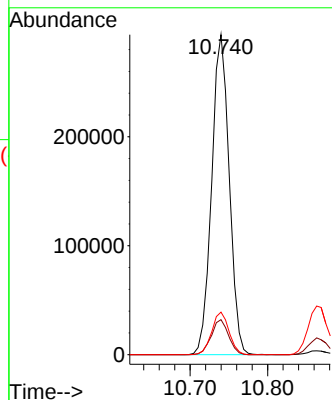
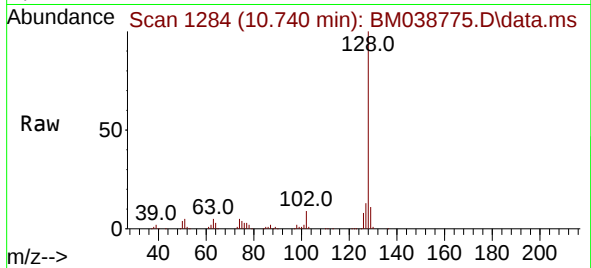




#31
Naphthalene
Concen: 41.945 ng
RT: 10.740 min Scan# 1165
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

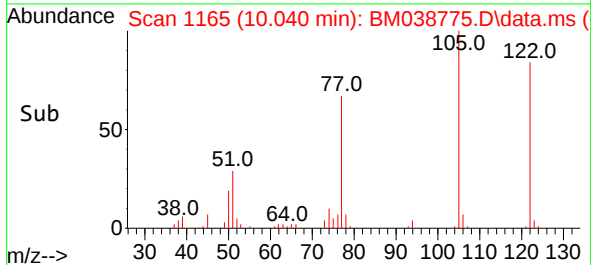
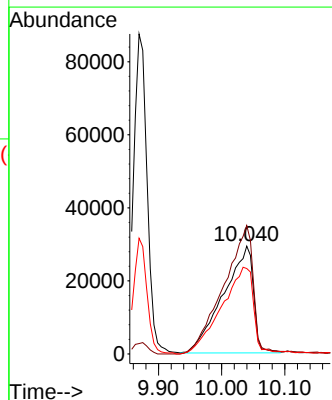
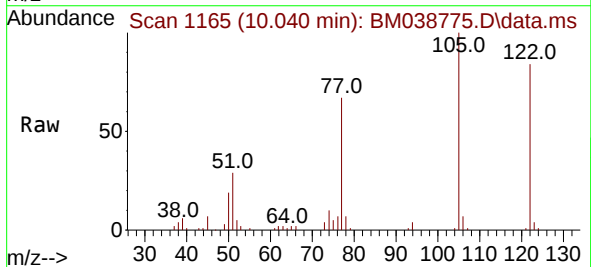
Instrument :
BNA_M
ClientSampleId :
PB150858BS

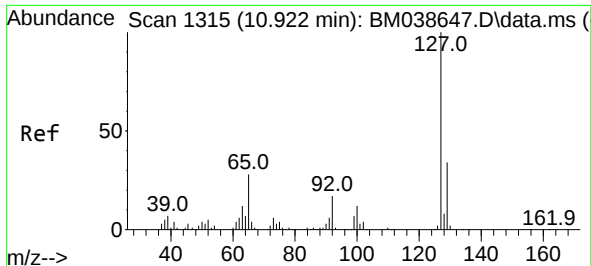
Tgt Ion:128 Resp: 461261
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.3 9.9 14.9



#32
Benzoic acid
Concen: 38.880 ng
RT: 10.040 min Scan# 1165
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:122 Resp: 96762
Ion Ratio Lower Upper
122 100
105 119.2 99.2 139.2
77 79.3 72.3 112.3

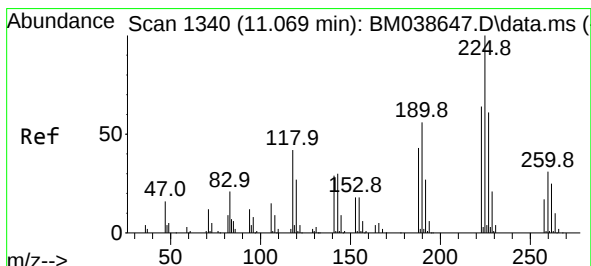
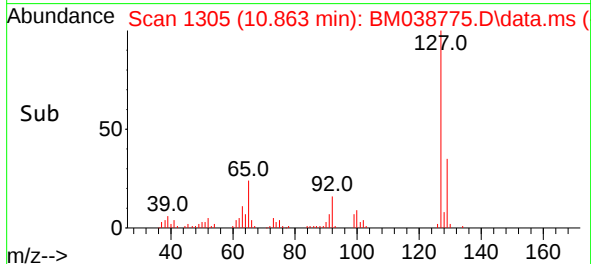
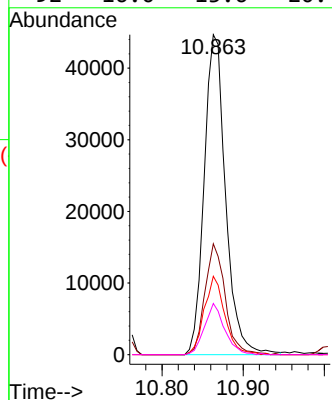
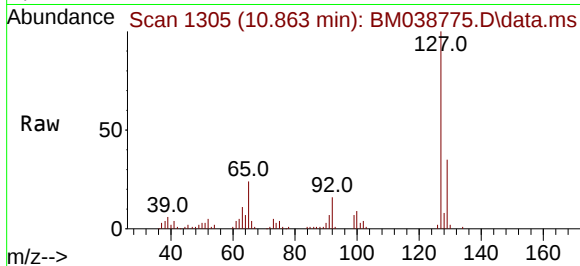




#33
4-Chloroaniline
Concen: 16.987 ng
RT: 10.863 min Scan# 11
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

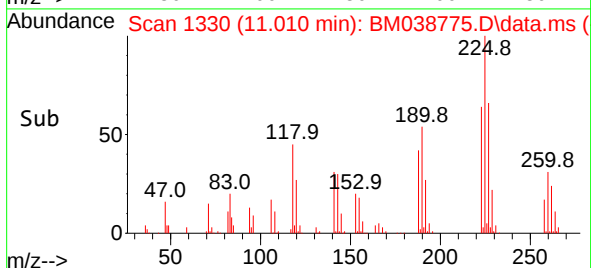
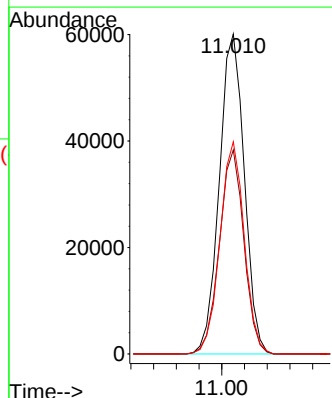
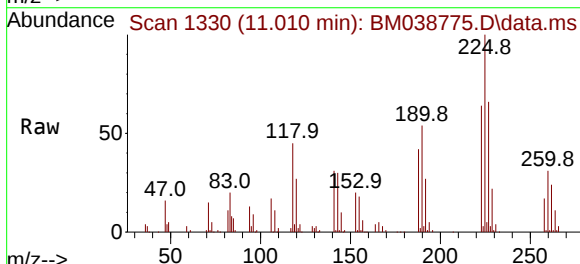
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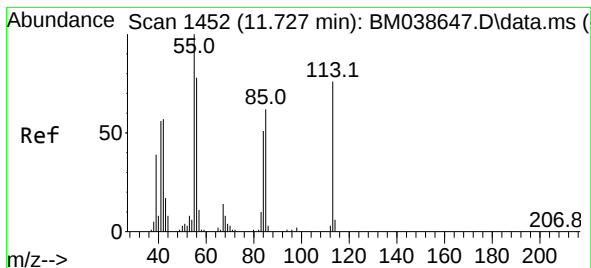
Tgt Ion:127	Resp:	81865
Ion Ratio	Lower	Upper
127	100	
129	34.6	27.1 40.7
65	24.5	22.2 33.4
92	16.0	13.6 20.4



#34
Hexachlorobutadiene
Concen: 39.388 ng
RT: 11.010 min Scan# 1330
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:225	Resp:	91675
Ion Ratio	Lower	Upper
225	100	
223	63.8	51.0 76.4
227	66.3	49.2 73.8

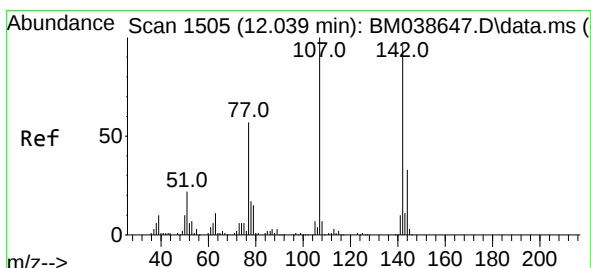
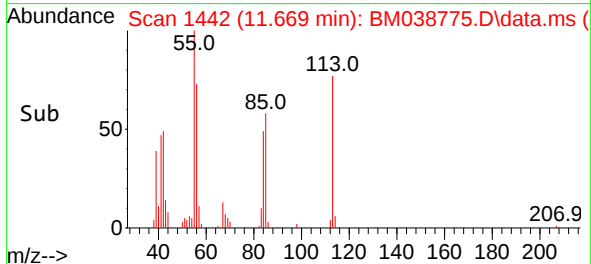
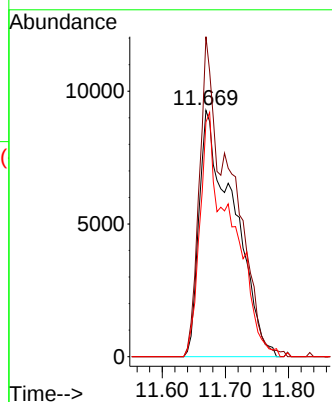
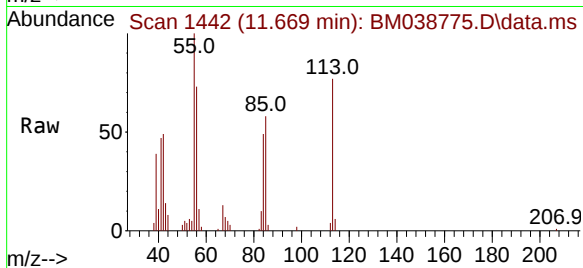




#35
Caprolactam
Concen: 37.443 ng
RT: 11.669 min Scan# 1442
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

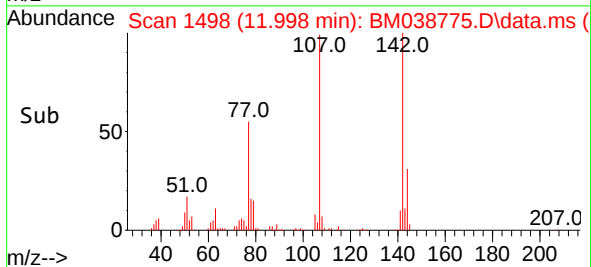
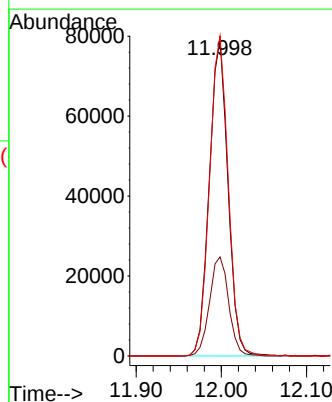
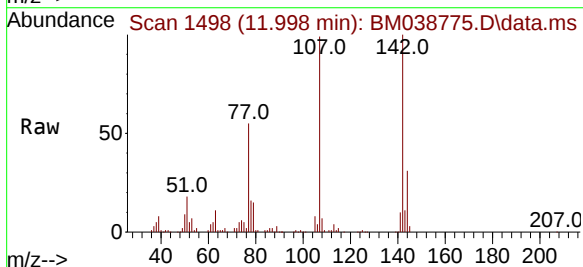
Instrument :
BNA_M
ClientSampleId :
PB150858BS

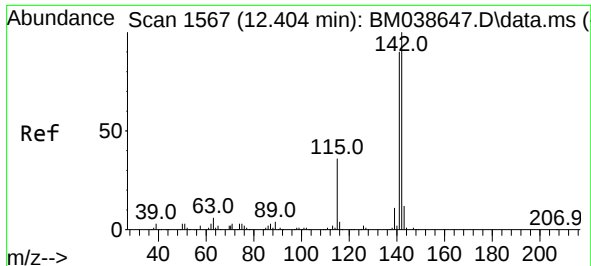
Tgt Ion:113 Resp: 35222
Ion Ratio Lower Upper
113 100
55 129.9 111.2 151.2
56 95.3 82.0 122.0



#36
4-Chloro-3-methylphenol
Concen: 37.250 ng
RT: 11.998 min Scan# 1498
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:107 Resp: 120309
Ion Ratio Lower Upper
107 100
144 31.3 26.5 39.7
142 101.0 77.0 115.6

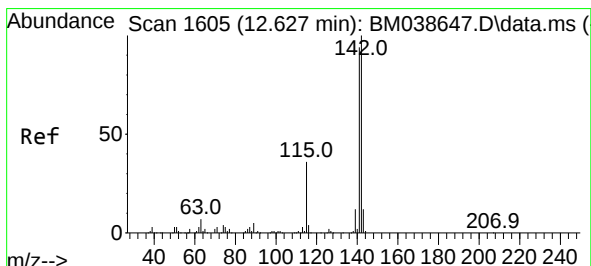
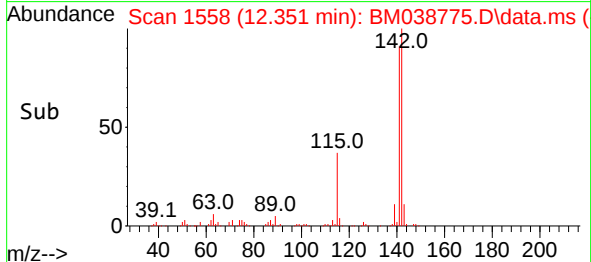
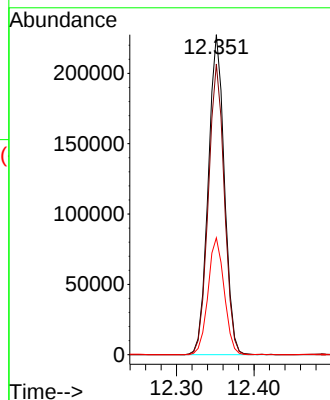
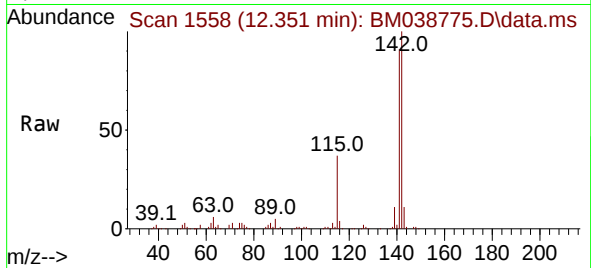




#37
2-Methylnaphthalene
Concen: 36.960 ng
RT: 12.351 min Scan# 1558
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

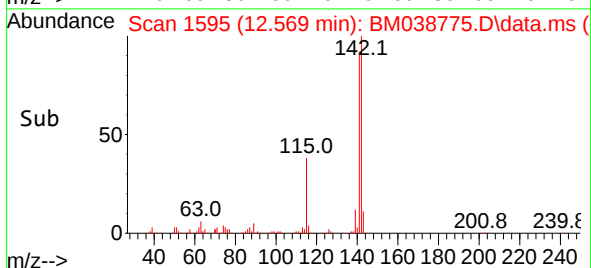
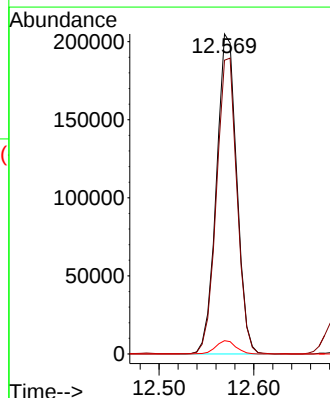
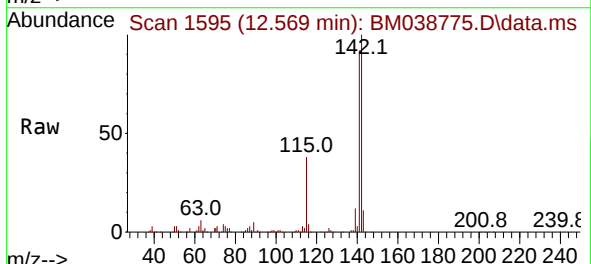
Instrument :
BNA_M
ClientSampleId :
PB150858BS

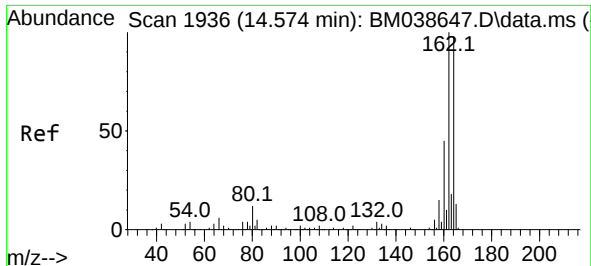
Tgt Ion:142 Resp: 328450
Ion Ratio Lower Upper
142 100
141 90.8 71.8 107.8
115 36.5 28.7 43.1



#38
1-Methylnaphthalene
Concen: 36.465 ng
RT: 12.569 min Scan# 1595
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:142 Resp: 305348
Ion Ratio Lower Upper
142 100
141 91.8 75.5 113.3
116 4.2 3.1 4.7

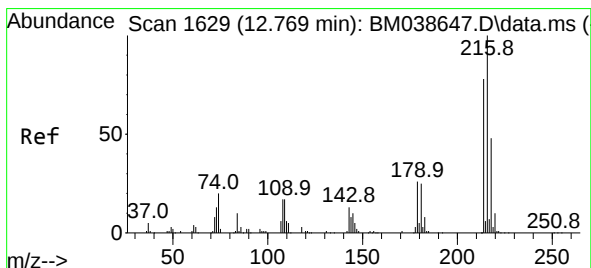
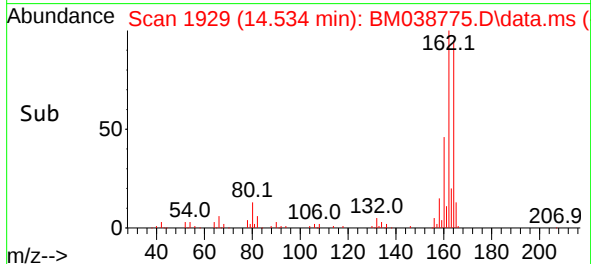
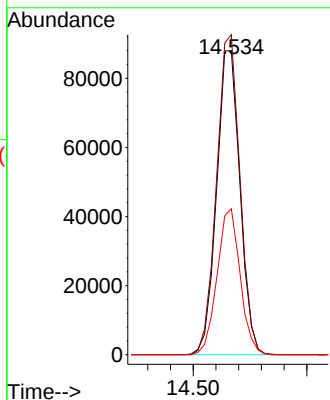
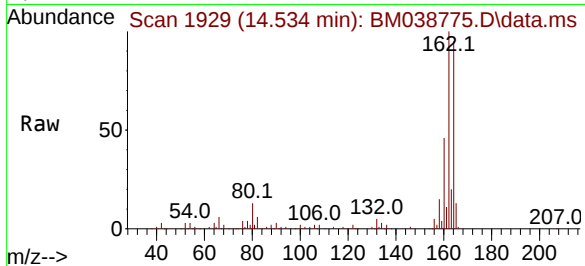




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1936
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

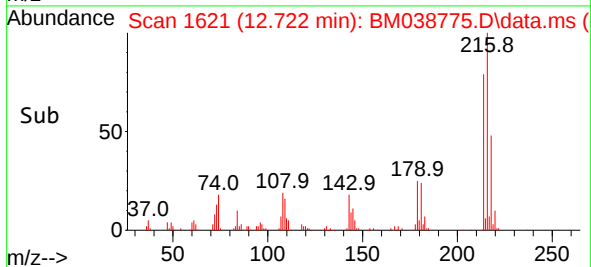
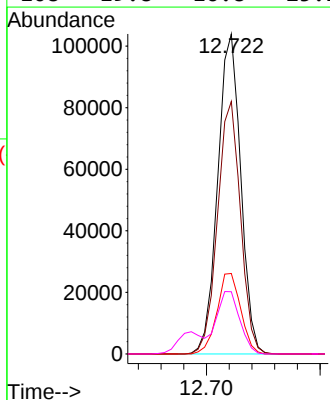
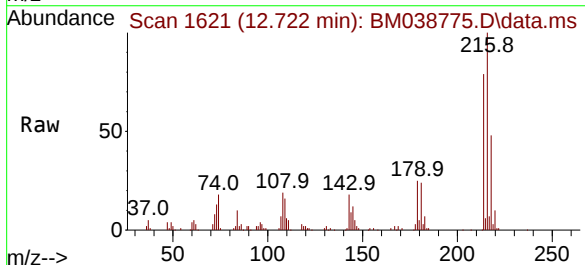
Instrument :
BNA_M
ClientSampleId :
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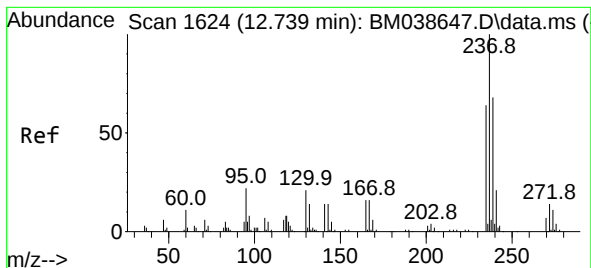
Tgt Ion:164 Resp: 125660
Ion Ratio Lower Upper
164 100
162 105.3 81.4 122.0
160 48.0 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.687 ng
RT: 12.722 min Scan# 1621
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:216 Resp: 146143
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.0
179 25.9 21.0 31.4
108 19.8 16.8 25.2

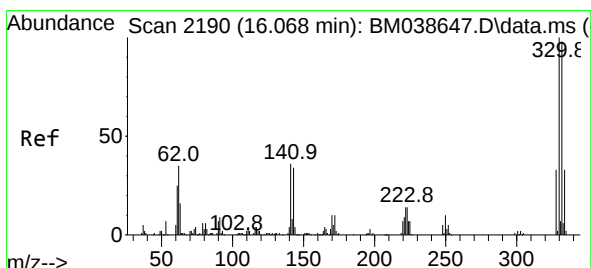
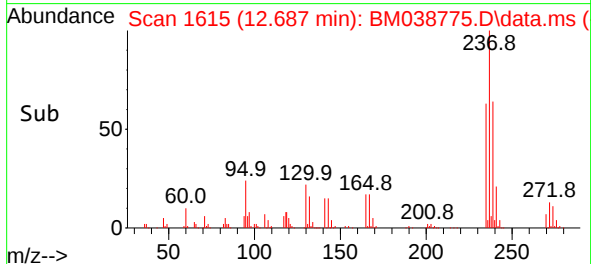
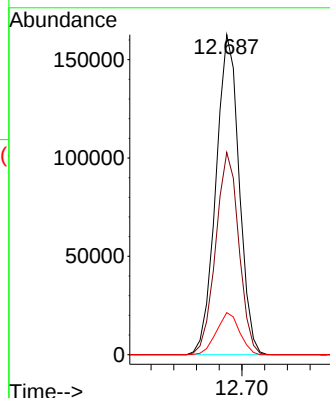
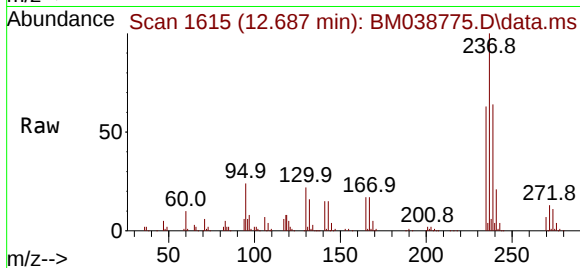




#41
Hexachlorocyclopentadiene
Concen: 113.803 ng
RT: 12.687 min Scan# 1
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

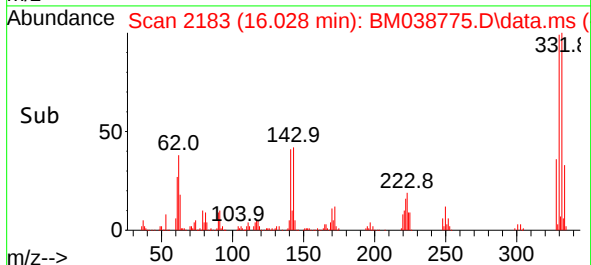
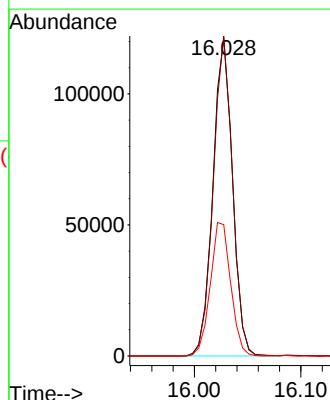
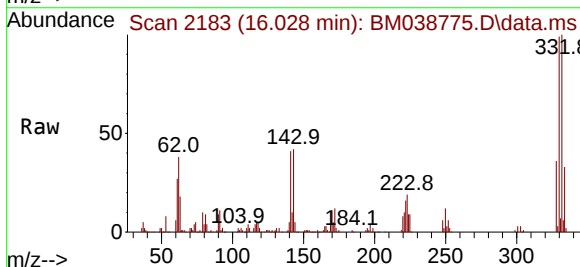
Instrument :
BNA_M
ClientSampleId :
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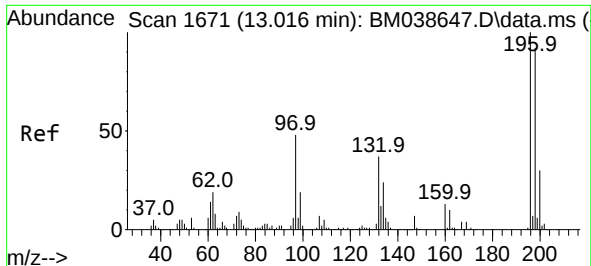
Tgt Ion:237 Resp: 230947
Ion Ratio Lower Upper
237 100
235 63.2 43.8 83.8
272 13.2 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 90.665 ng
RT: 16.028 min Scan# 2183
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:330 Resp: 154855
Ion Ratio Lower Upper
330 100
332 98.7 77.8 116.6
141 43.7 31.0 46.6

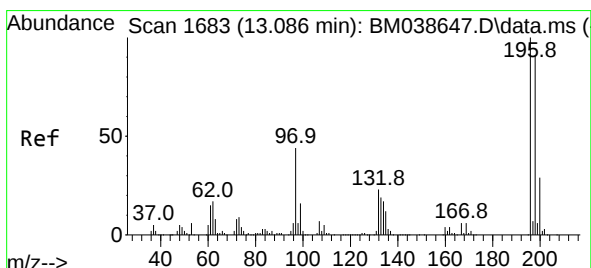
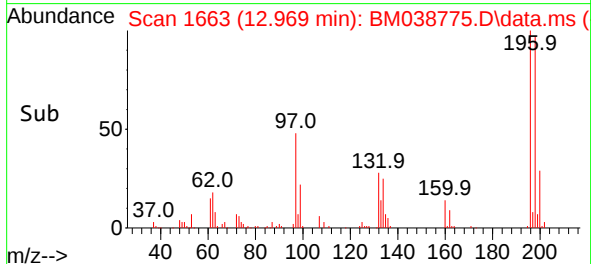
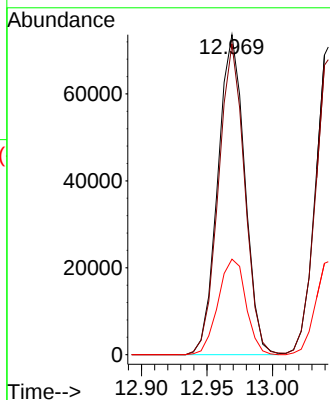
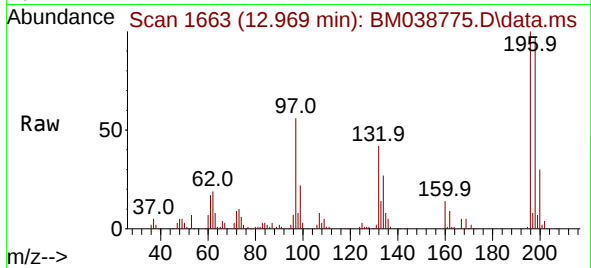




#43
2,4,6-Trichlorophenol
Concen: 40.807 ng
RT: 12.969 min Scan# 1663
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

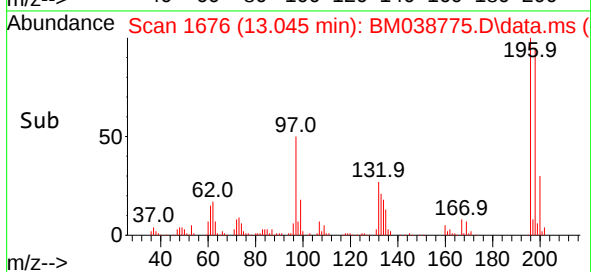
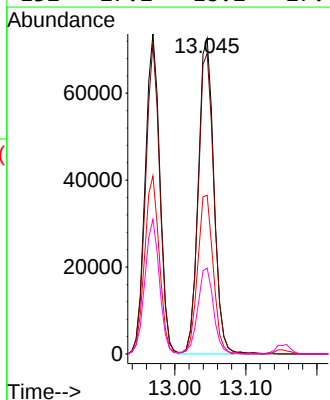
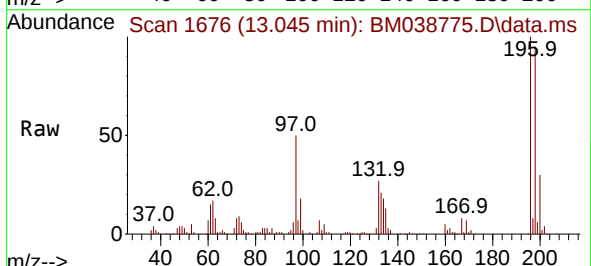
Instrument :
BNA_M
ClientSampleId :
PB150858BS

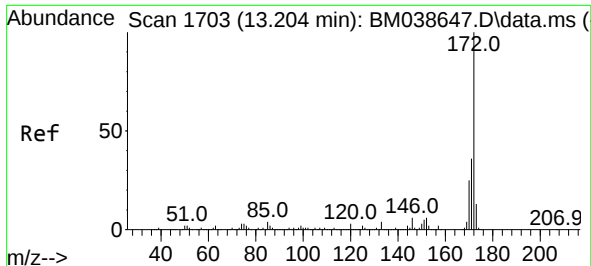
Tgt Ion:196 Resp: 104843
Ion Ratio Lower Upper
196 100
198 97.1 73.7 110.5
200 29.8 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 36.736 ng
RT: 13.045 min Scan# 1676
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:196 Resp: 111067
Ion Ratio Lower Upper
196 100
198 95.2 73.1 109.7
97 50.3 35.5 53.3
132 27.2 18.2 27.4

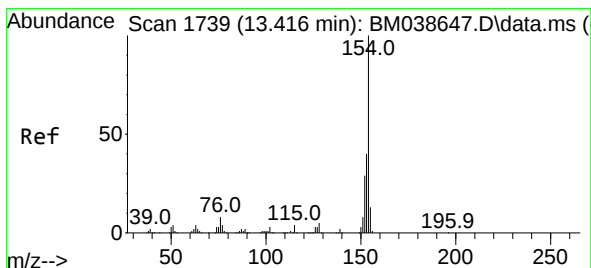
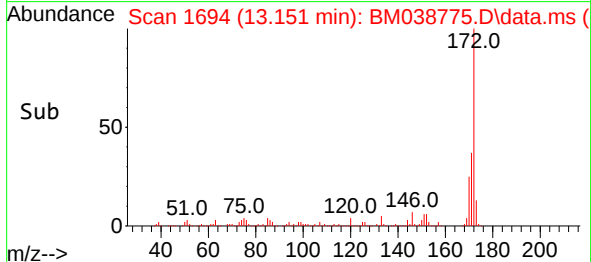
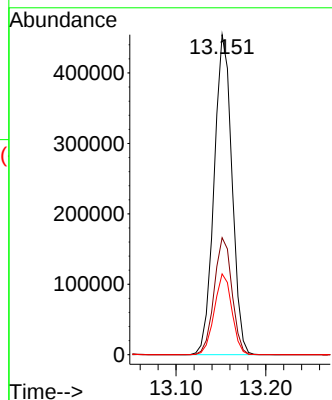
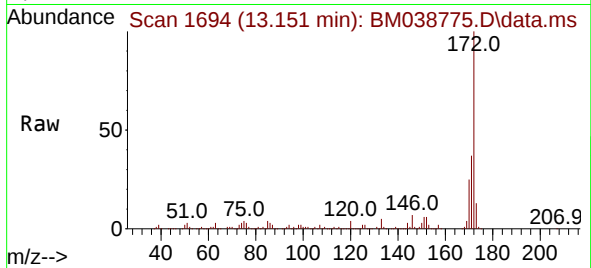




#45
2-Fluorobiphenyl
Concen: 63.600 ng
RT: 13.151 min Scan# 1
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

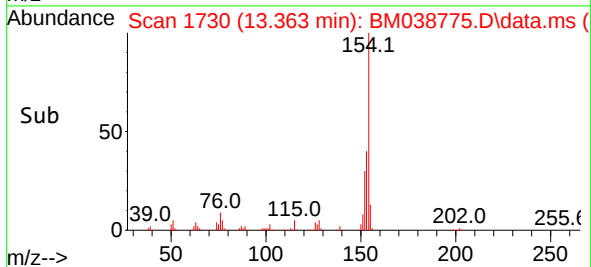
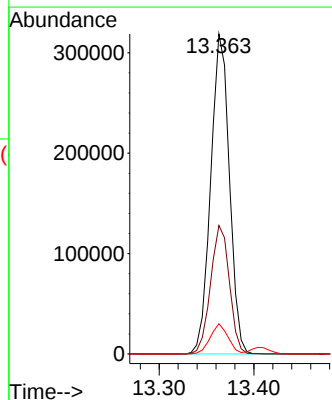
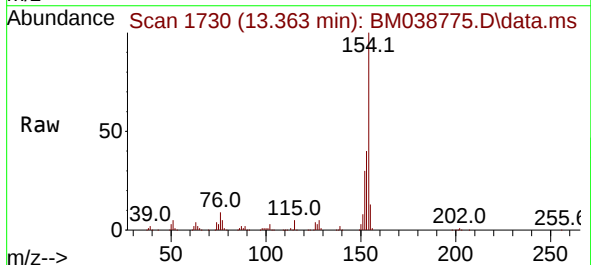
Instrument :
BNA_M
ClientSampleId :
PB150858BS

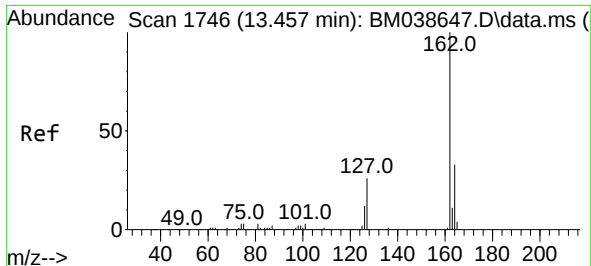
Tgt Ion:172 Resp: 627758
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 25.2 20.0 30.0



#46
1,1'-Biphenyl
Concen: 43.817 ng
RT: 13.363 min Scan# 1730
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:154 Resp: 436159
Ion Ratio Lower Upper
154 100
153 40.2 19.9 59.9
76 9.5 0.0 27.9

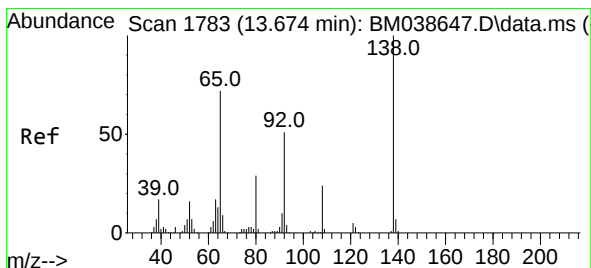
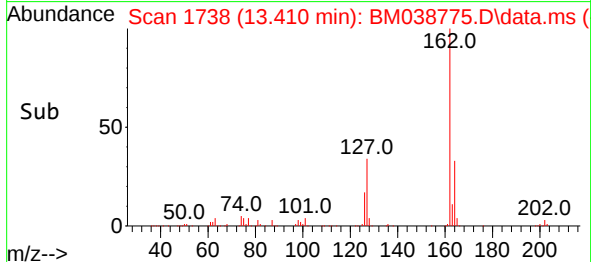
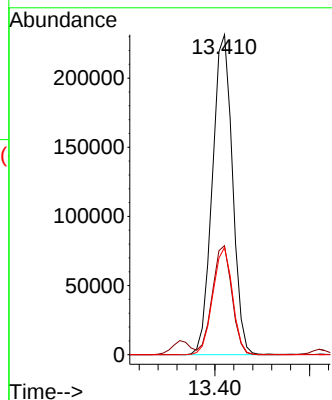
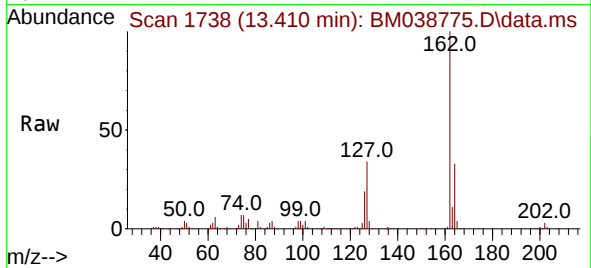




#47
2-Chloronaphthalene
Concen: 43.531 ng
RT: 13.410 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

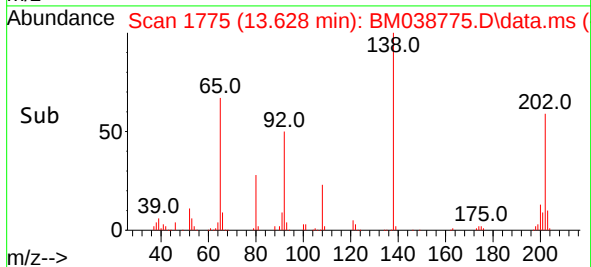
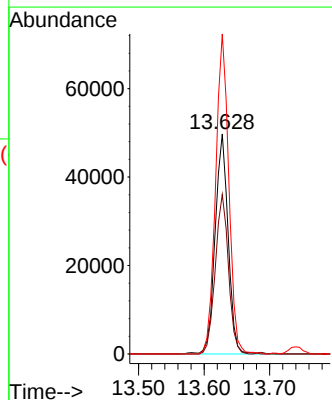
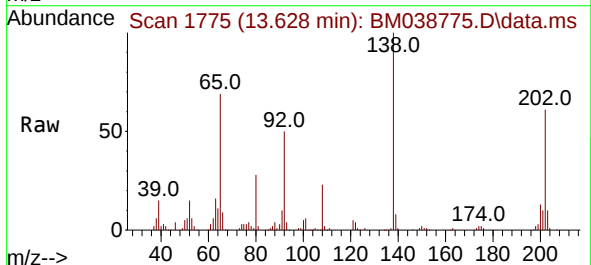
Instrument :
BNA_M
ClientSampleId :
PB150858BS

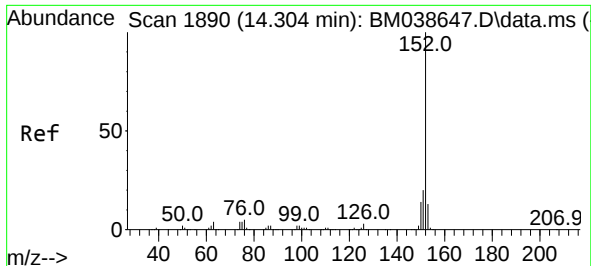
Tgt Ion:162 Resp: 340968
Ion Ratio Lower Upper
162 100
127 34.0 23.6 35.4
164 33.5 26.7 40.1



#48
2-Nitroaniline
Concen: 39.294 ng
RT: 13.628 min Scan# 1775
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion: 65 Resp: 68731
Ion Ratio Lower Upper
65 100
92 72.5 55.9 83.9
138 145.4 110.6 166.0

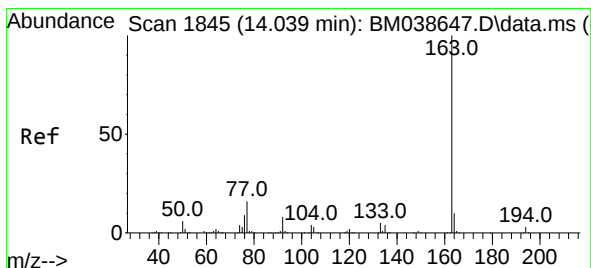
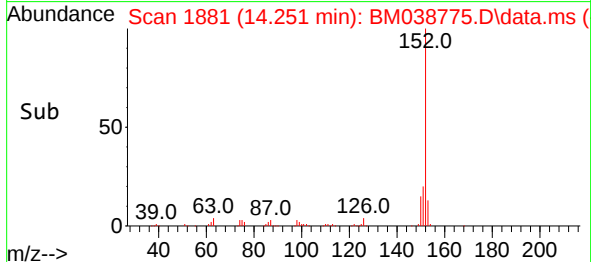
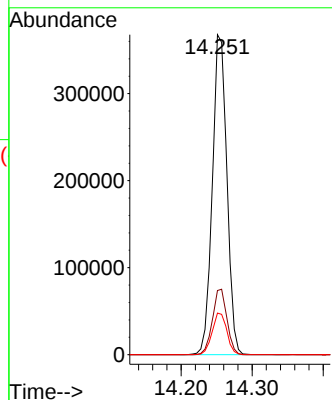
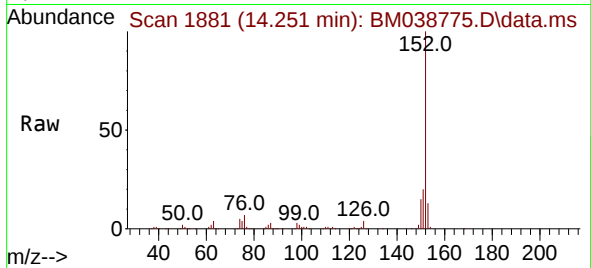




#49
Acenaphthylene
Concen: 42.367 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.035 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

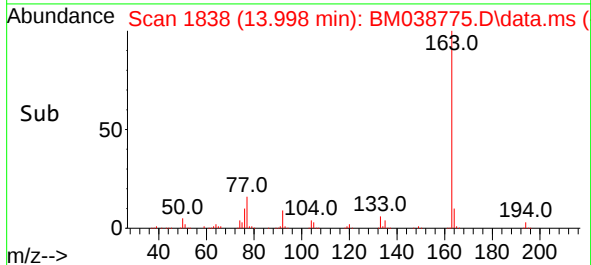
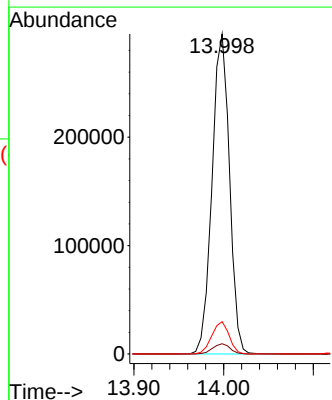
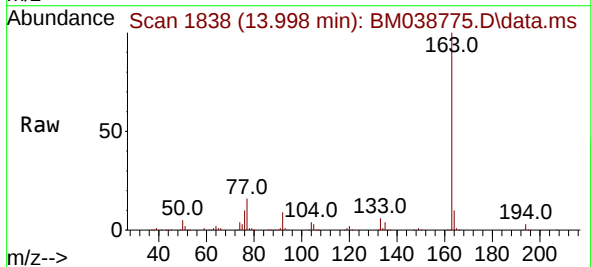
Instrument :
BNA_M
ClientSampleId :
PB150858BS

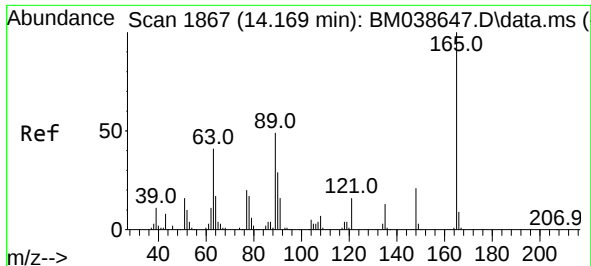
Tgt Ion:152 Resp: 522689
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 10.0 15.0



#50
Dimethylphthalate
Concen: 38.807 ng
RT: 13.998 min Scan# 1838
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:163 Resp: 397948
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 8.2 12.4

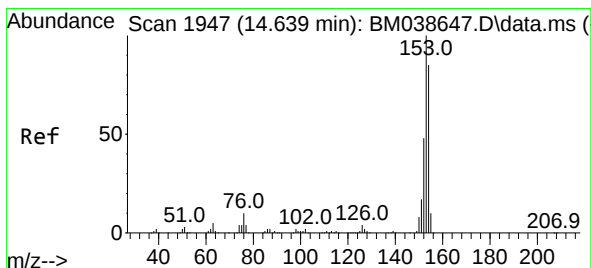
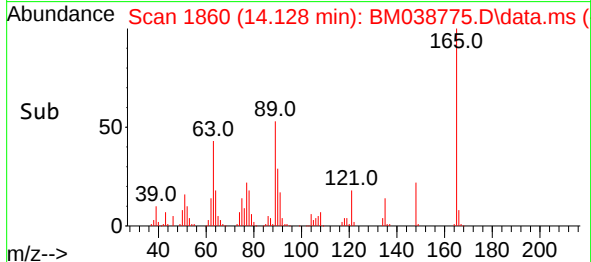
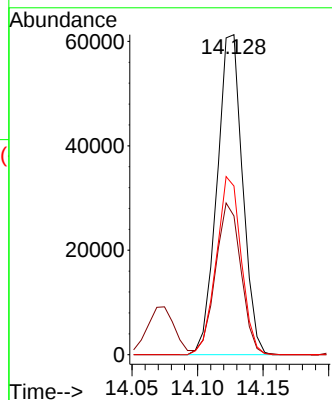
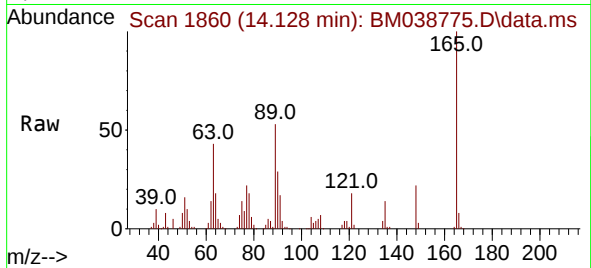




#51
2,6-Dinitrotoluene
Concen: 39.820 ng
RT: 14.128 min Scan# 1860
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

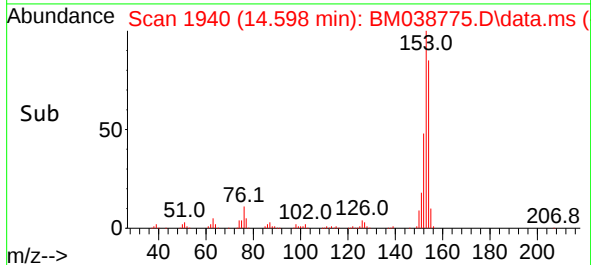
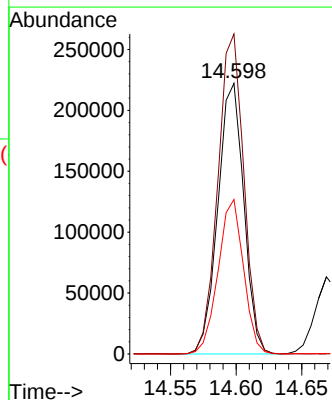
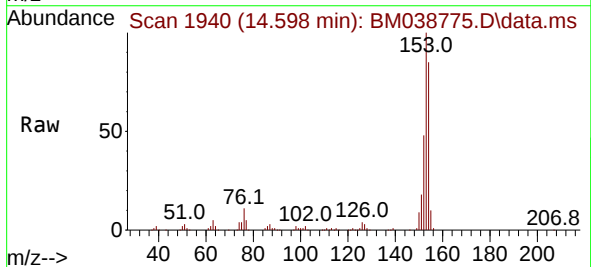
Instrument :
BNA_M
ClientSampleId :
PB150858BS

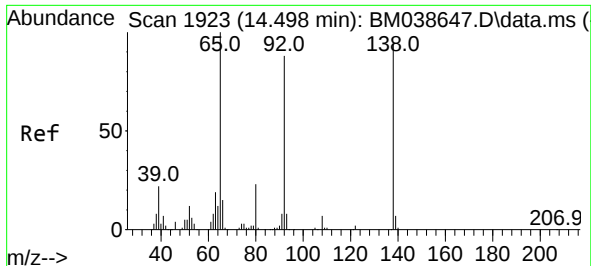
Tgt Ion:165 Resp: 82993
Ion Ratio Lower Upper
165 100
63 43.3 35.8 53.8
89 52.7 39.3 58.9



#52
Acenaphthene
Concen: 41.493 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:154 Resp: 305659
Ion Ratio Lower Upper
154 100
153 118.3 93.7 140.5
152 57.1 44.6 67.0

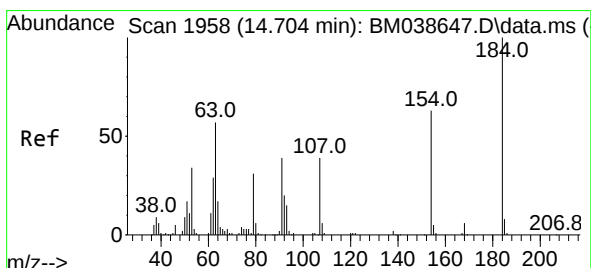
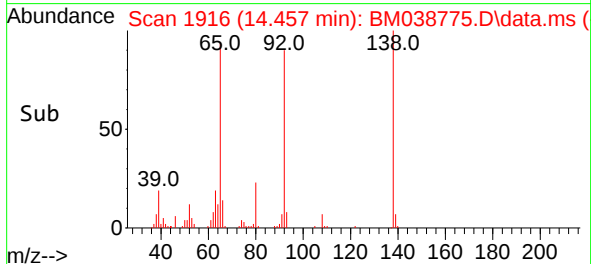
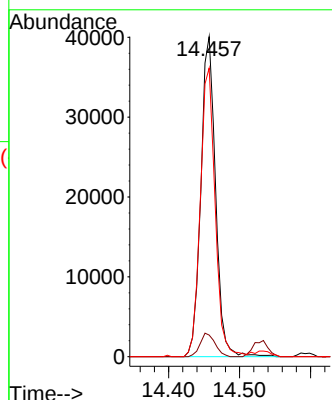
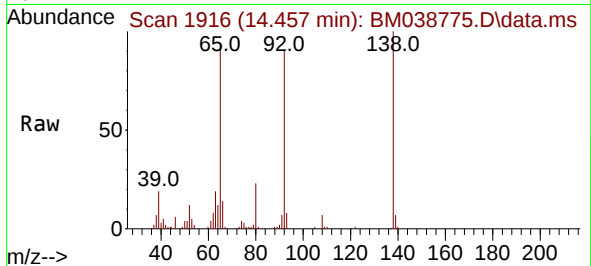




#53
3-Nitroaniline
Concen: 27.230 ng
RT: 14.457 min Scan# 1916
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

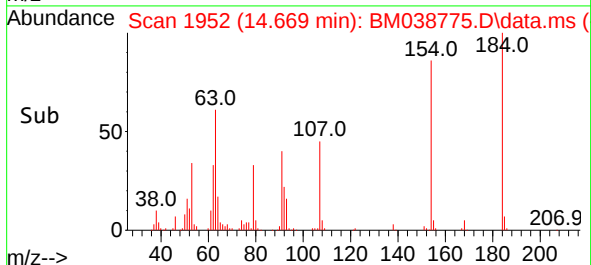
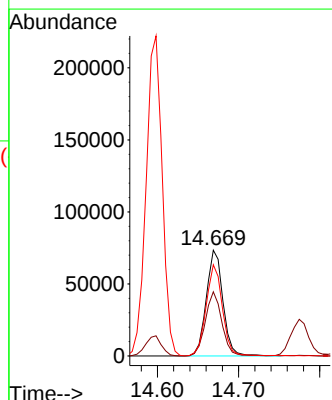
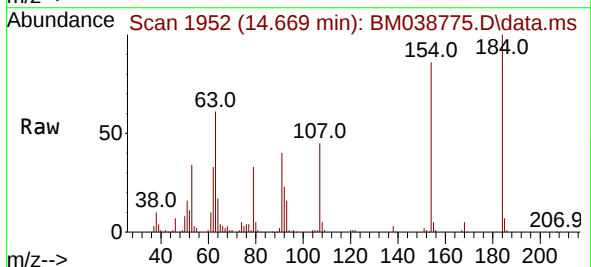
Instrument :
BNA_M
ClientSampleId :
PB150858BS

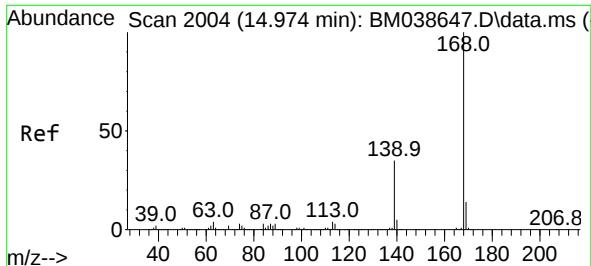
Tgt Ion:138 Resp: 57805
Ion Ratio Lower Upper
138 100
108 6.7 5.8 8.8
92 90.2 73.9 110.9



#54
2,4-Dinitrophenol
Concen: 76.882 ng
RT: 14.669 min Scan# 1952
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:184 Resp: 104298
Ion Ratio Lower Upper
184 100
63 60.7 45.9 68.9
154 86.2 54.9 82.3#

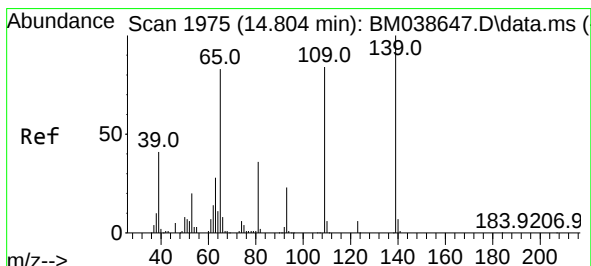
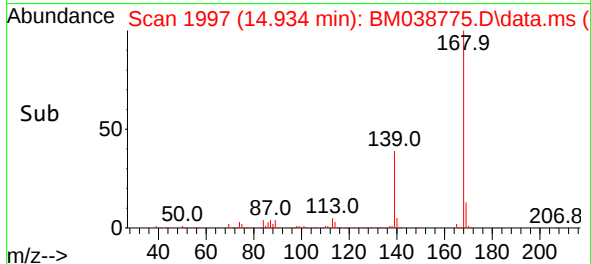
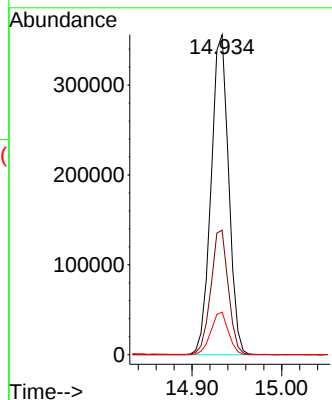
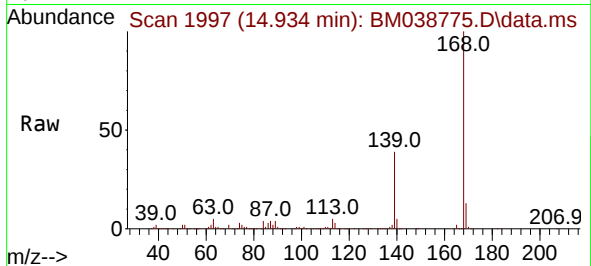




#55
Dibenzofuran
Concen: 38.131 ng
RT: 14.934 min Scan# 1997
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

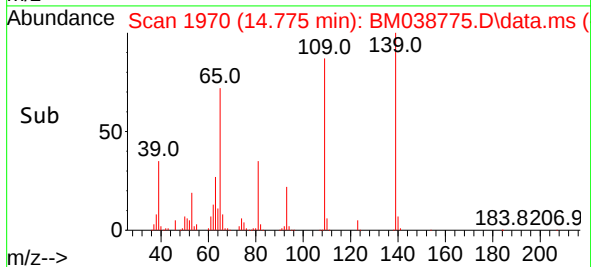
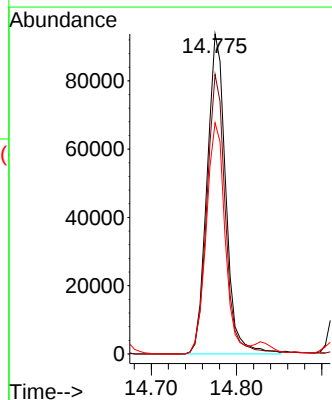
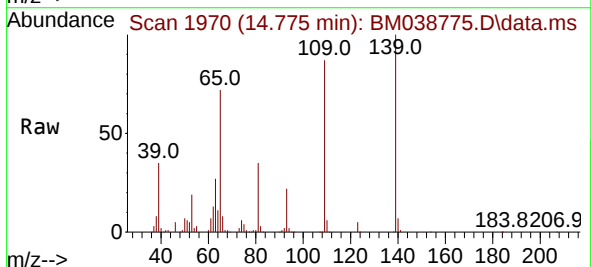
Instrument :
BNA_M
ClientSampleId :
PB150858BS

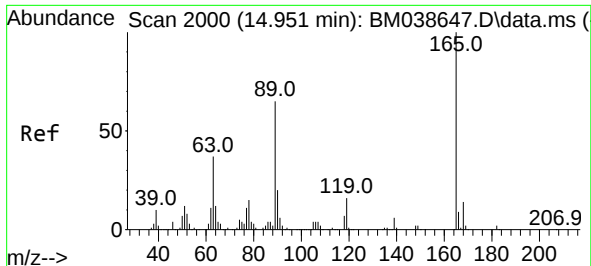
Tgt Ion:168 Resp: 483705
Ion Ratio Lower Upper
168 100
139 38.9 27.8 41.6
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 85.630 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

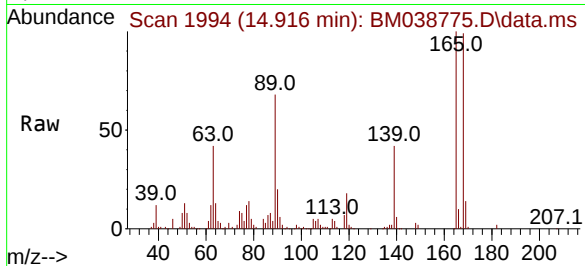
Tgt Ion:139 Resp: 143136
Ion Ratio Lower Upper
139 100
109 87.4 63.8 103.8
65 72.3 62.5 102.5



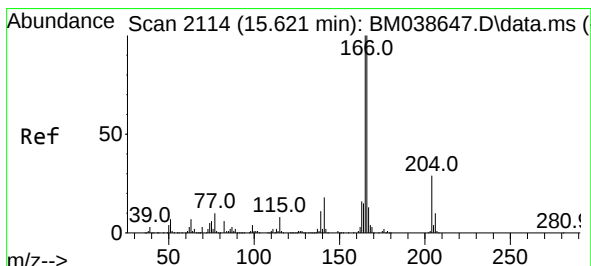
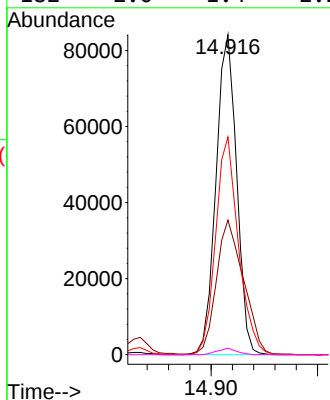
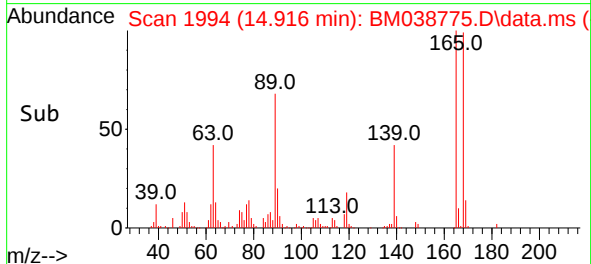


#57
2,4-Dinitrotoluene
Concen: 37.158 ng
RT: 14.916 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

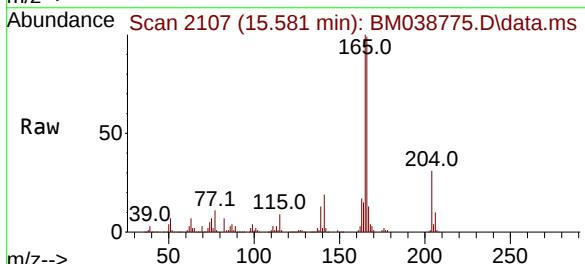
Instrument :
BNA_M
ClientSampleId :
PB150858BS



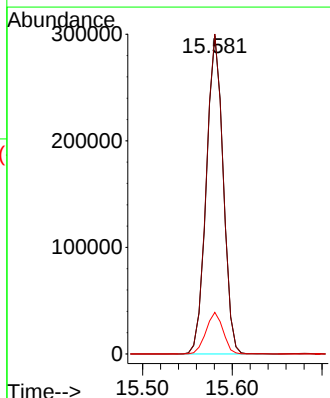
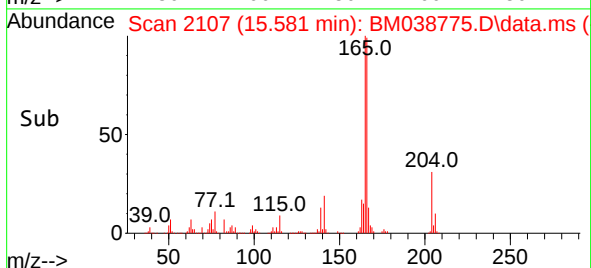
Tgt Ion:165 Resp: 113103
Ion Ratio Lower Upper
165 100
63 42.1 29.4 44.0
89 68.0 51.8 77.6
182 2.0 1.4 2.2

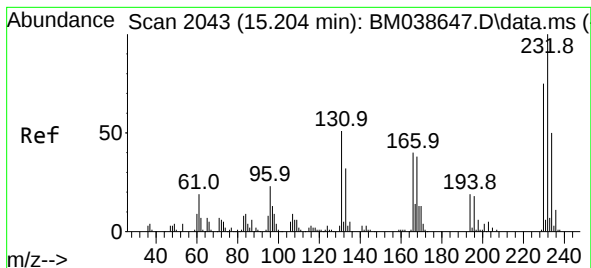


#58
Fluorene
Concen: 38.676 ng
RT: 15.581 min Scan# 2107
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06



Tgt Ion:166 Resp: 388195
Ion Ratio Lower Upper
166 100
165 100.5 80.2 120.4
167 13.1 10.7 16.1

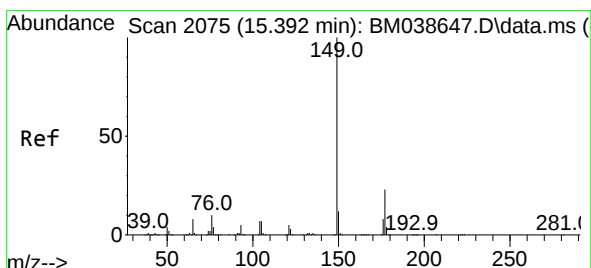
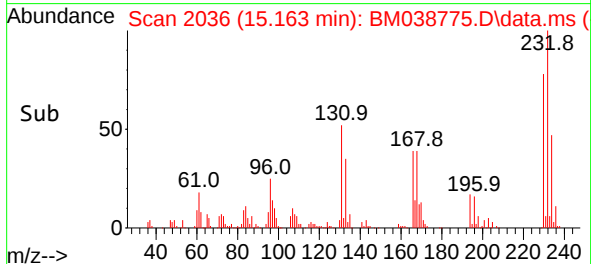
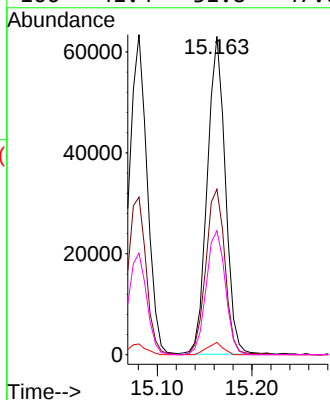
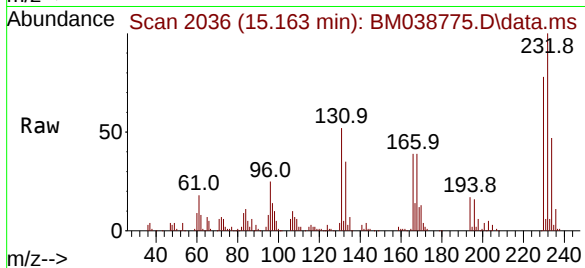




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.473 ng
RT: 15.163 min Scan# 2043
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

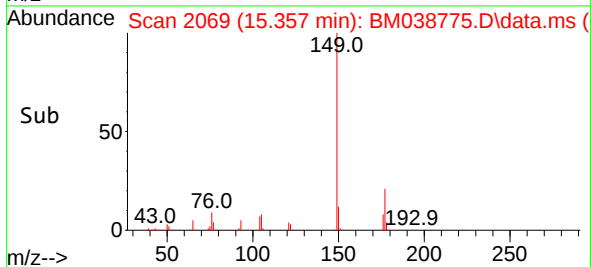
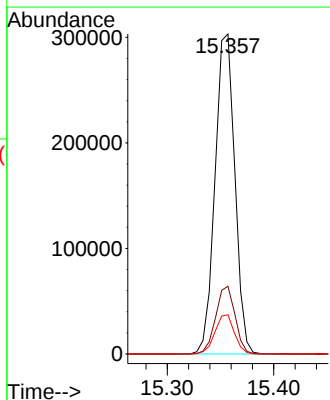
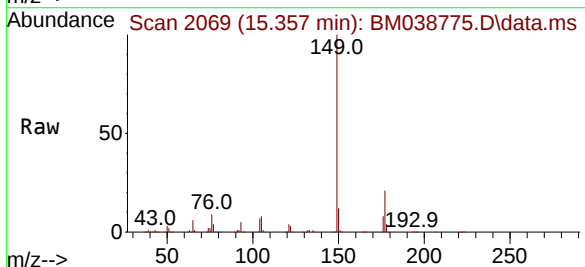
Instrument :
BNA_M
ClientSampleId :
PB150858BS

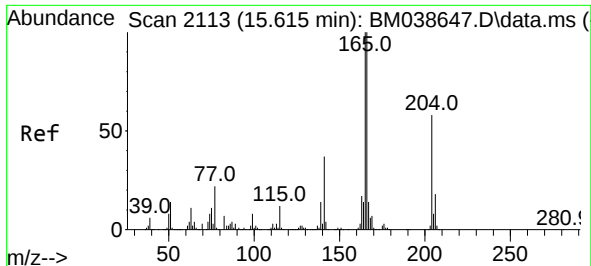
Tgt Ion:232 Resp: 83062
Ion Ratio Lower Upper
232 100
131 55.4 41.2 61.8
130 3.4 2.4 3.6
166 41.4 31.8 47.6



#60
Diethylphthalate
Concen: 40.230 ng
RT: 15.357 min Scan# 2069
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:149 Resp: 390823
Ion Ratio Lower Upper
149 100
177 21.2 18.1 27.1
150 12.3 10.0 15.0

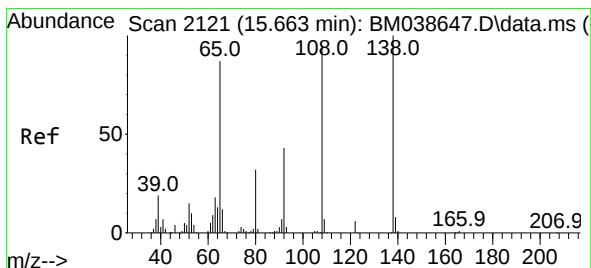
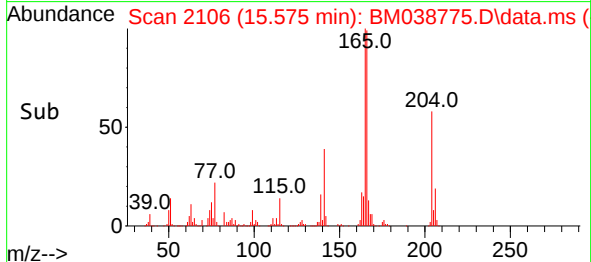
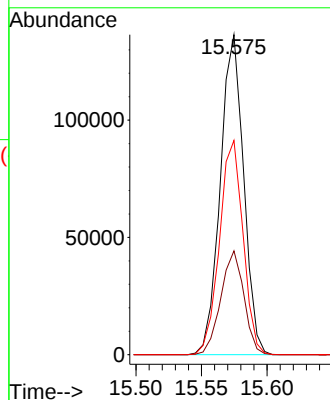
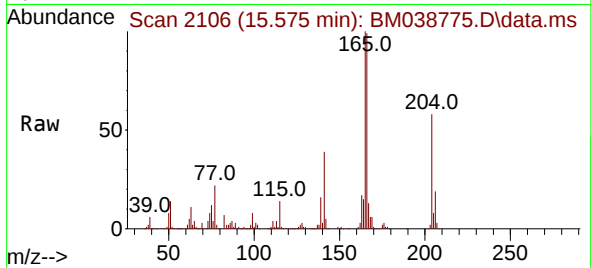




#61
4-Chlorophenyl-phenylether
Concen: 39.599 ng
RT: 15.575 min Scan# 2110
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

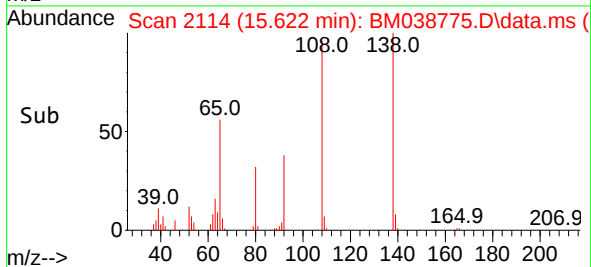
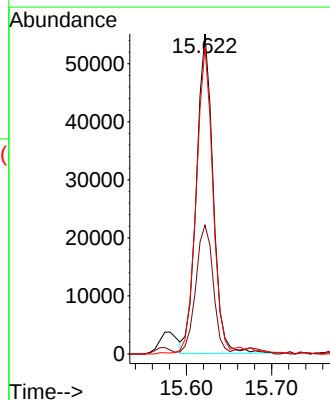
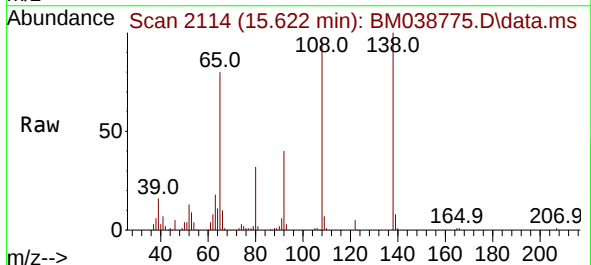
Instrument :
BNA_M
ClientSampleId :
PB150858BS

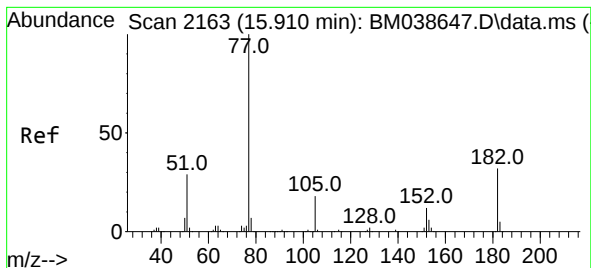
Tgt Ion:204 Resp: 168615
Ion Ratio Lower Upper
204 100
206 32.4 25.3 37.9
141 66.9 51.3 76.9



#62
4-Nitroaniline
Concen: 33.876 ng
RT: 15.622 min Scan# 2114
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:138 Resp: 74586
Ion Ratio Lower Upper
138 100
92 40.3 23.4 63.4
108 95.7 75.1 115.1





#63

Azobenzene

Concen: 41.982 ng

RT: 15.869 min Scan# 2163

Delta R.T. -0.023 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA_M

ClientSampleId :

PB150858BS

Tgt Ion: 77 Resp: 313782

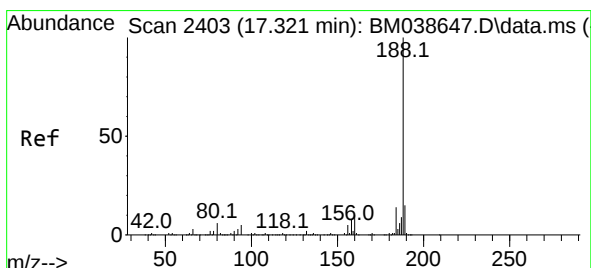
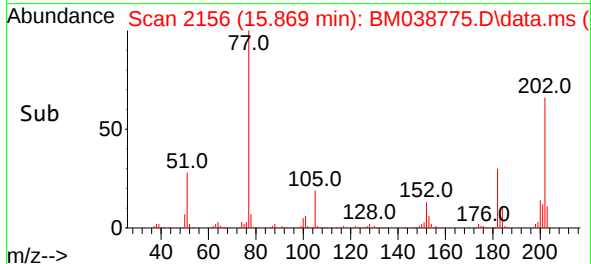
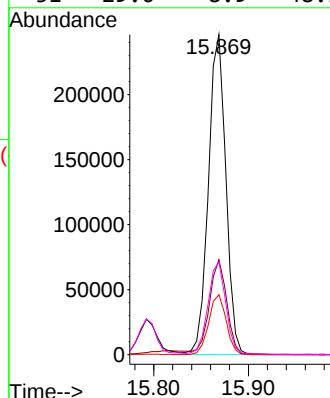
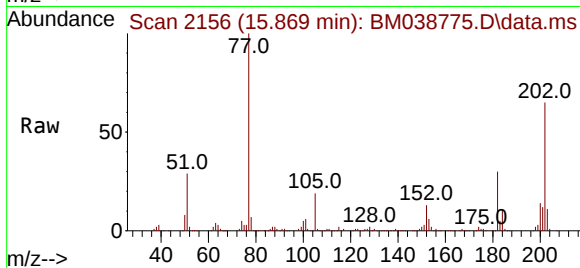
Ion Ratio Lower Upper

77 100

182 29.7 12.0 52.0

105 18.8 0.0 37.5

51 29.0 8.9 48.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.280 min Scan# 2396

Delta R.T. -0.023 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

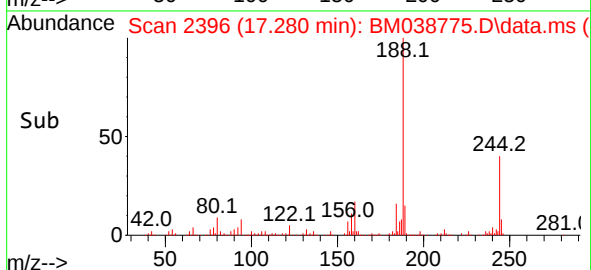
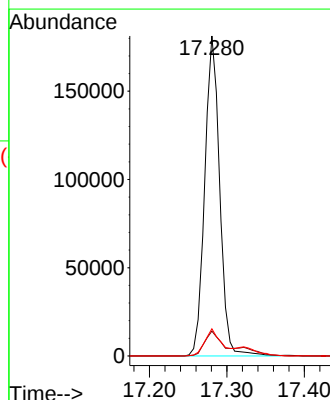
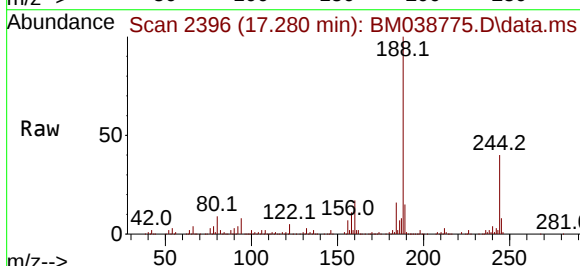
Tgt Ion:188 Resp: 243081

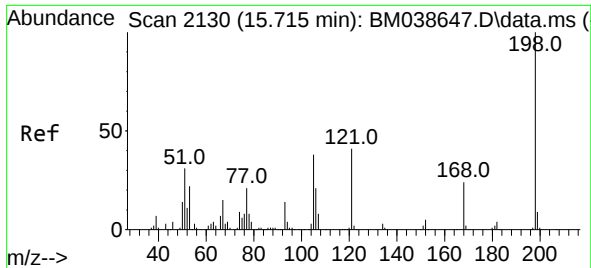
Ion Ratio Lower Upper

188 100

94 7.8 4.2 6.4#

80 8.5 4.6 7.0#

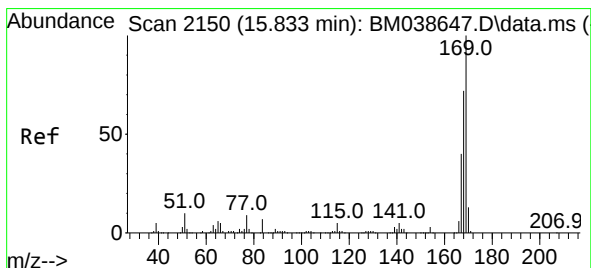
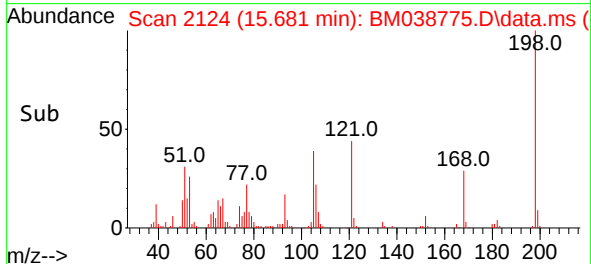
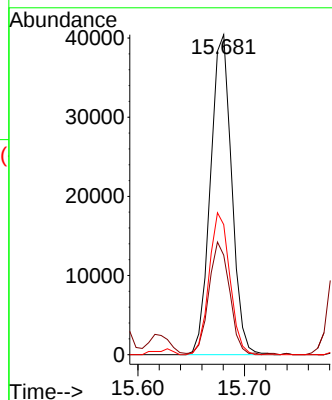
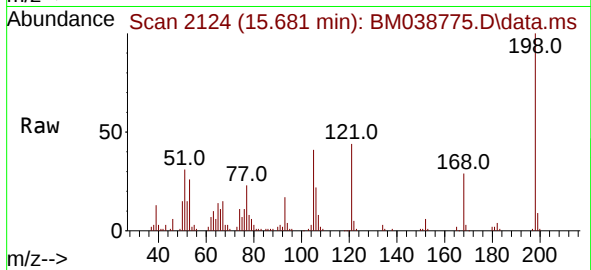




#65
4,6-Dinitro-2-methylphenol
Concen: 36.435 ng
RT: 15.681 min Scan# 2113
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

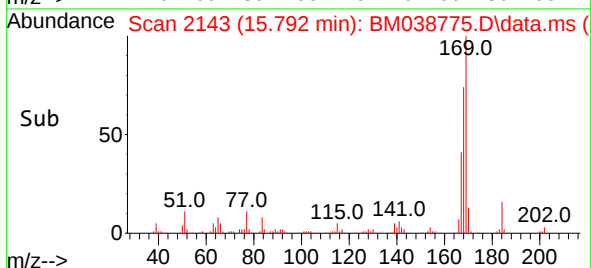
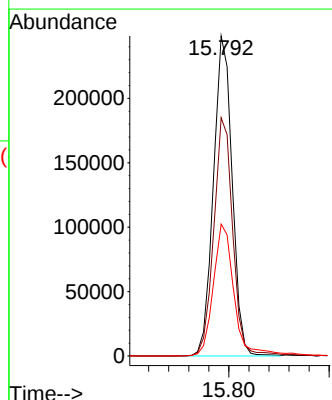
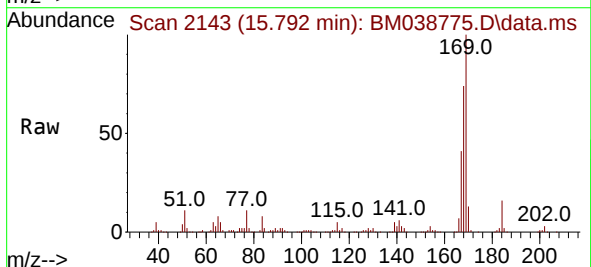
Instrument :
BNA_M
ClientSampleId :
PB150858BS

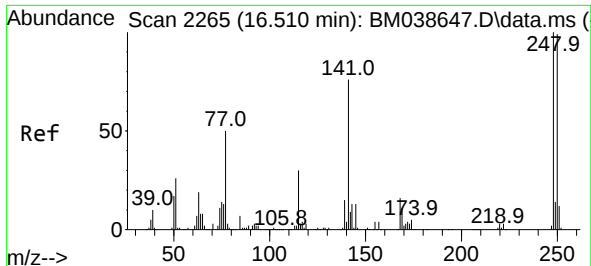
Tgt Ion:198 Resp: 55754
Ion Ratio Lower Upper
198 100
51 31.1 13.0 53.0
105 40.6 17.9 57.9



#66
n-Nitrosodiphenylamine
Concen: 40.468 ng
RT: 15.792 min Scan# 2143
Delta R.T. -0.029 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:169 Resp: 321192
Ion Ratio Lower Upper
169 100
168 74.4 57.6 86.4
167 41.2 32.3 48.5

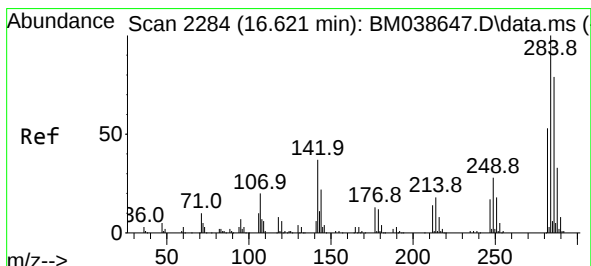
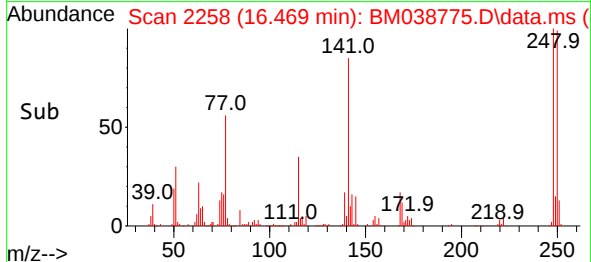
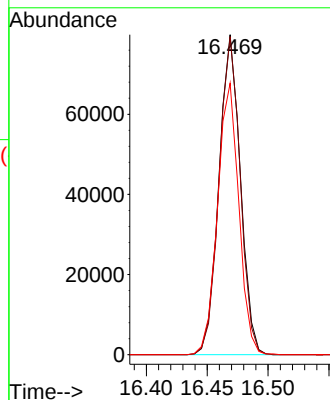
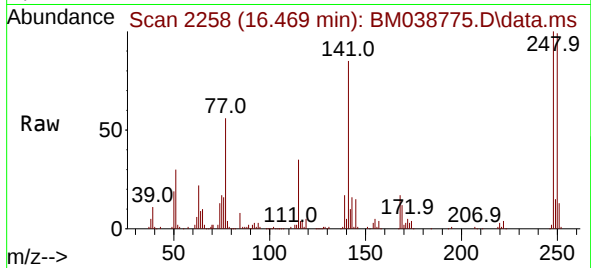




#67
4-Bromophenyl-phenylether
Concen: 41.744 ng
RT: 16.469 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

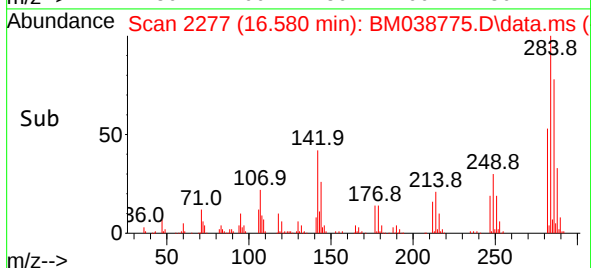
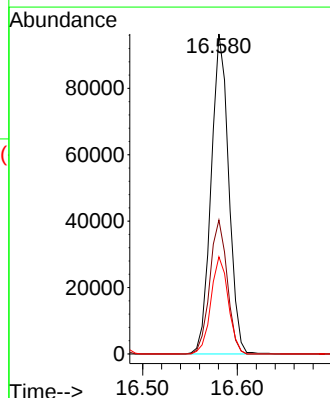
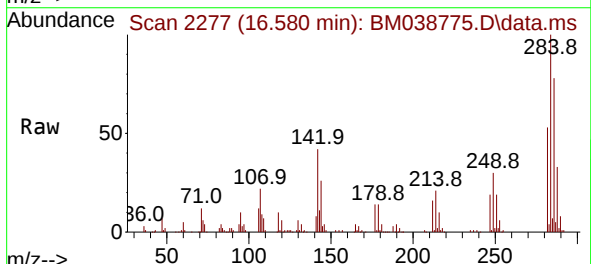
Instrument :
BNA_M
ClientSampleId :
PB150858BS

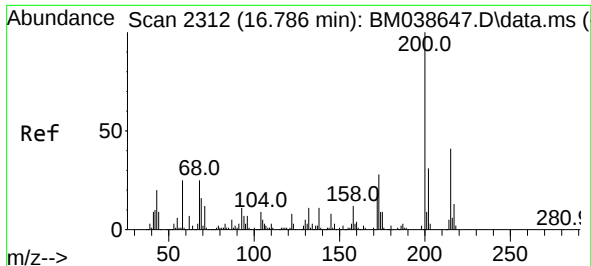
Tgt Ion:248 Resp: 97977
Ion Ratio Lower Upper
248 100
250 99.4 79.4 119.2
141 84.9 61.0 91.6



#68
Hexachlorobenzene
Concen: 43.173 ng
RT: 16.580 min Scan# 2277
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:284 Resp: 123840
Ion Ratio Lower Upper
284 100
142 41.9 29.8 44.6
249 30.3 22.2 33.4

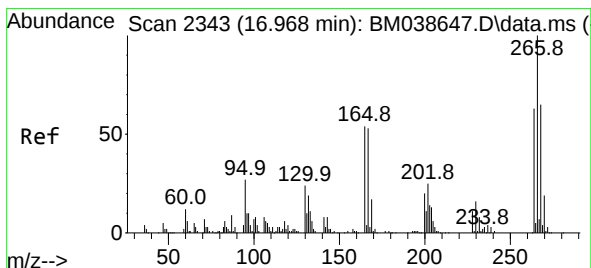
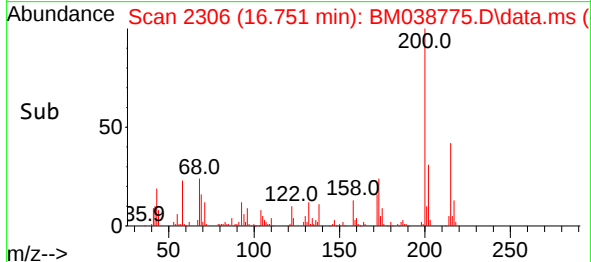
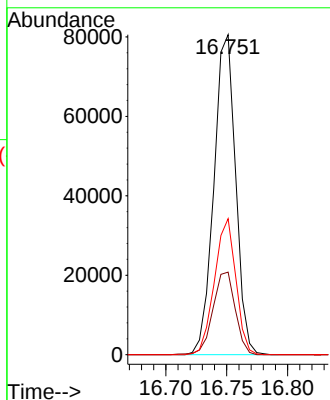
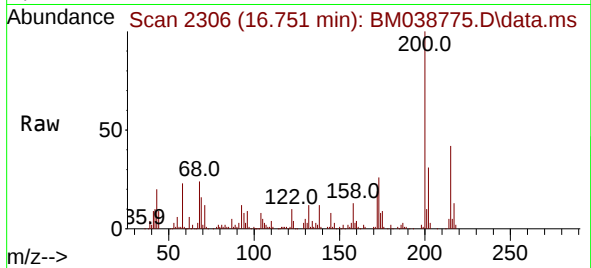




#69
Atrazine
Concen: 43.518 ng
RT: 16.751 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

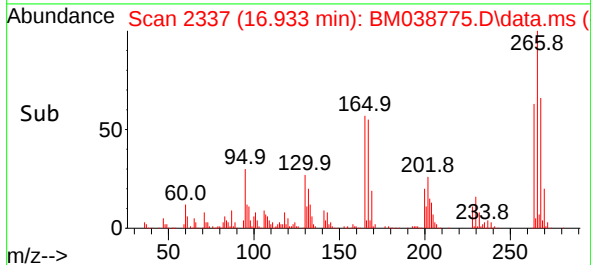
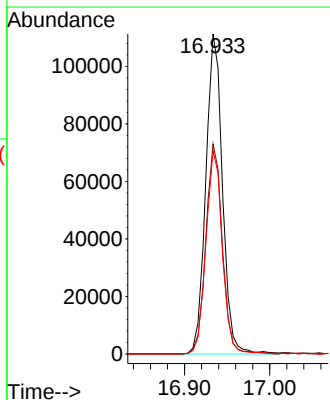
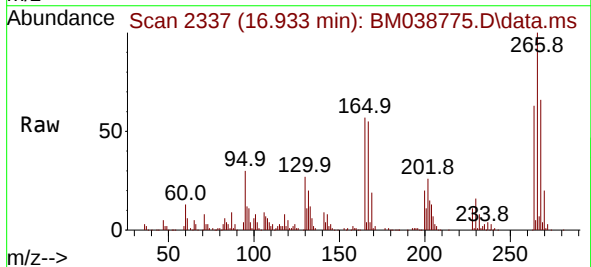
Instrument :
BNA_M
ClientSampleId :
PB150858BS

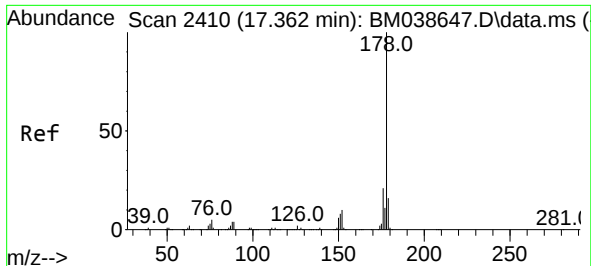
Tgt Ion:200 Resp: 100110
Ion Ratio Lower Upper
200 100
173 25.8 7.9 47.9
215 42.5 20.8 60.8



#70
Pentachlorophenol
Concen: 72.248 ng
RT: 16.933 min Scan# 2337
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:266 Resp: 151073
Ion Ratio Lower Upper
266 100
268 65.6 51.8 77.6
264 63.5 50.6 76.0

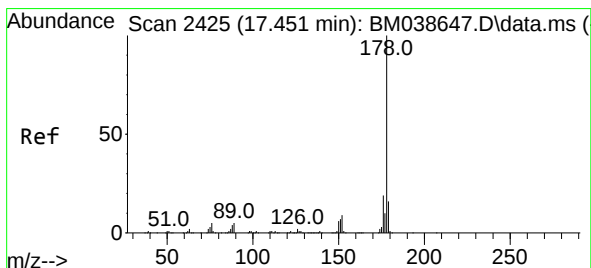
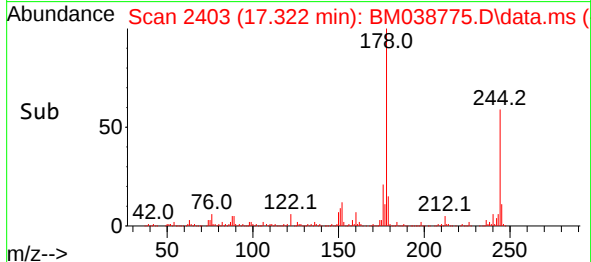
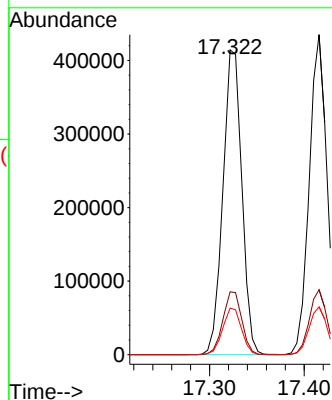
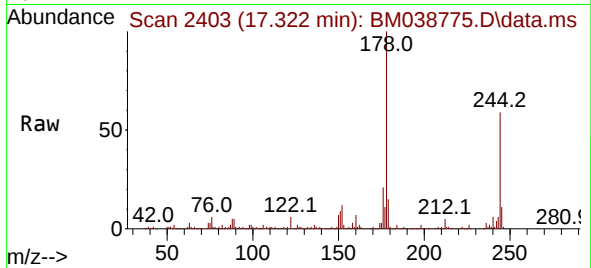




#71
Phenanthrene
Concen: 39.868 ng
RT: 17.322 min Scan# 2410
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

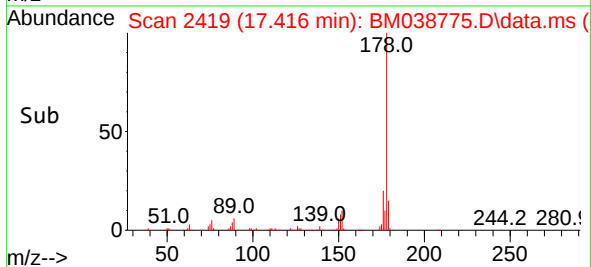
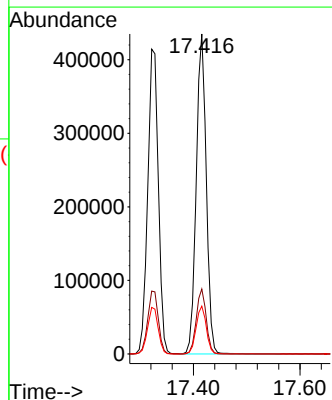
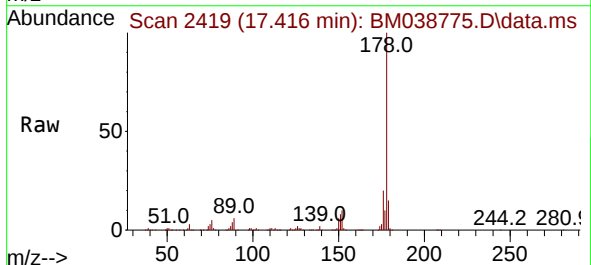
Instrument :
BNA_M
ClientSampleId :
PB150858BS

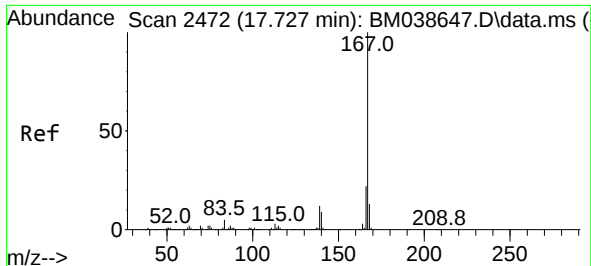
Tgt Ion:178 Resp: 575433
Ion Ratio Lower Upper
178 100
176 20.6 16.7 25.1
179 15.3 12.5 18.7



#72
Anthracene
Concen: 38.604 ng
RT: 17.416 min Scan# 2419
Delta R.T. -0.023 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:178 Resp: 570004
Ion Ratio Lower Upper
178 100
176 20.3 15.6 23.4
179 15.0 12.4 18.6

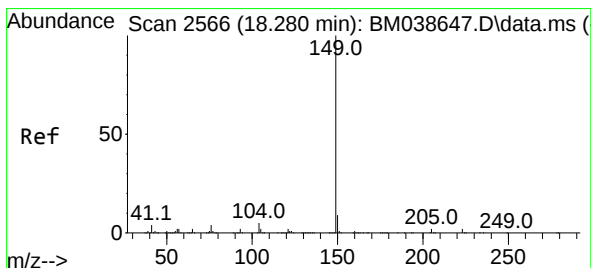
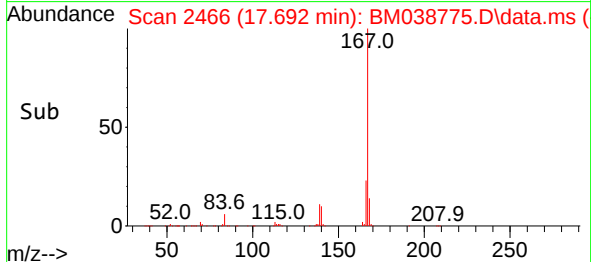
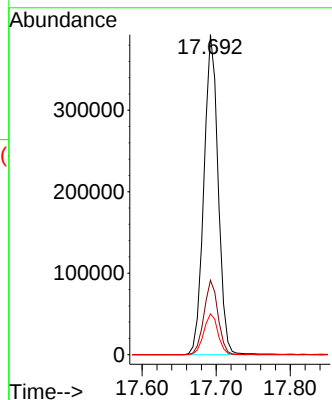
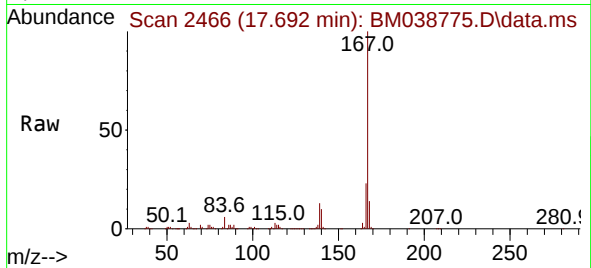




#73
 Carbazole
 Concen: 38.051 ng
 RT: 17.692 min Scan# 2472
 Delta R.T. -0.023 min
 Lab File: BM038775.D
 Acq: 17 Feb 2023 15:06

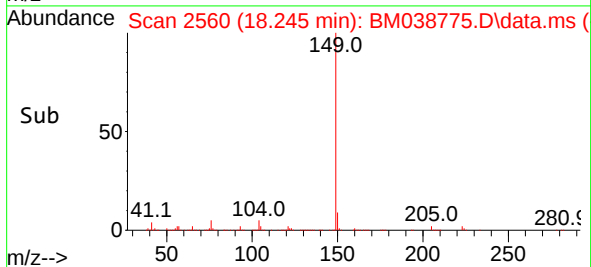
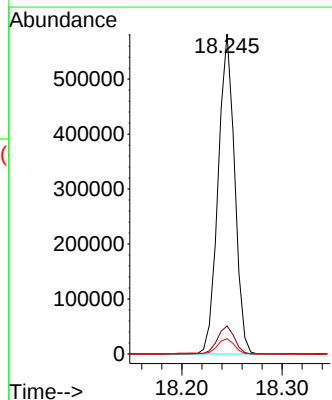
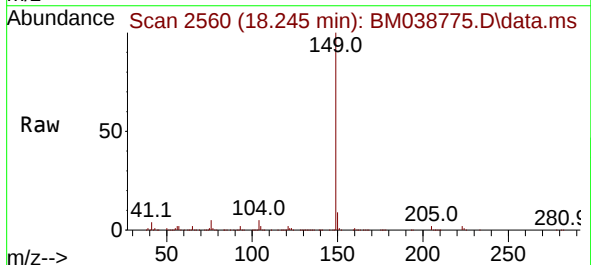
Instrument :
 BNA_M
 ClientSampleId :
 PB150858BS

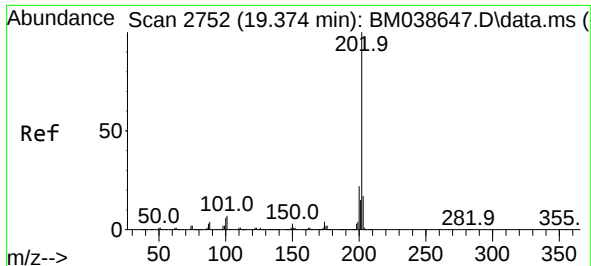
Tgt Ion:167 Resp: 524002
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.8 26.6
 139 12.8 9.4 14.2



#74
 Di-n-butylphthalate
 Concen: 42.559 ng
 RT: 18.245 min Scan# 2560
 Delta R.T. -0.023 min
 Lab File: BM038775.D
 Acq: 17 Feb 2023 15:06

Tgt Ion:149 Resp: 662150
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 4.7 3.8 5.6

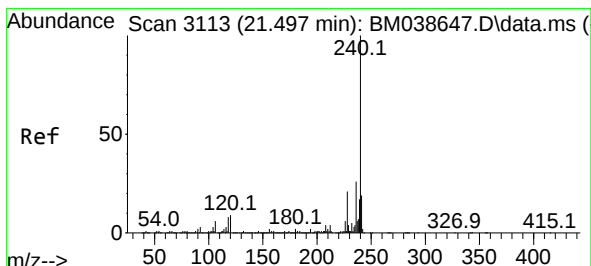
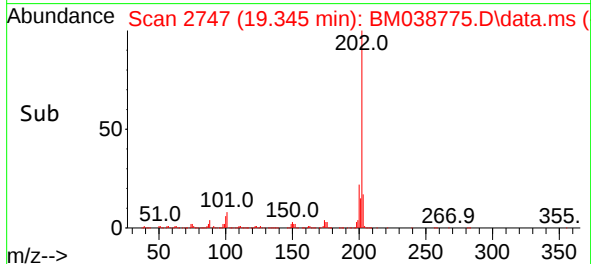
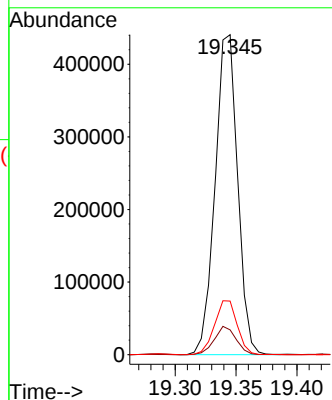
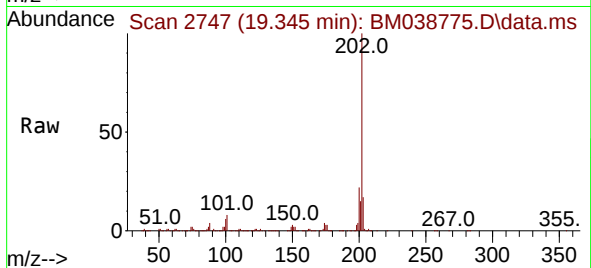




#75
Fluoranthene
Concen: 37.426 ng
RT: 19.345 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

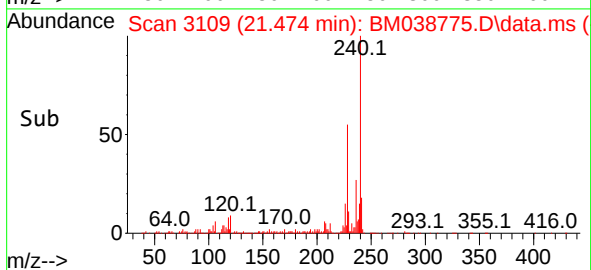
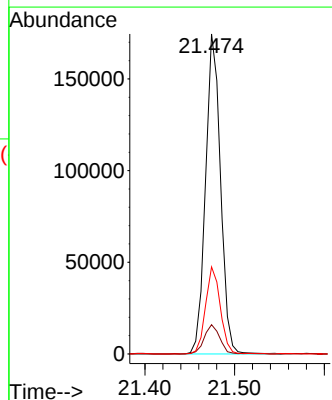
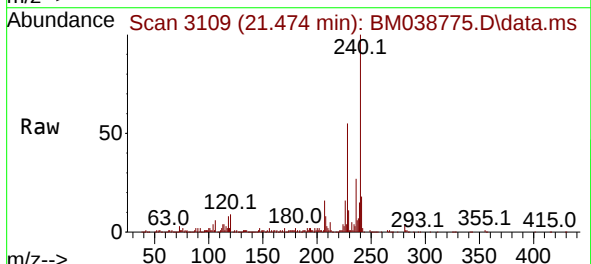
Instrument :
BNA_M
ClientSampleId :
PB150858BS

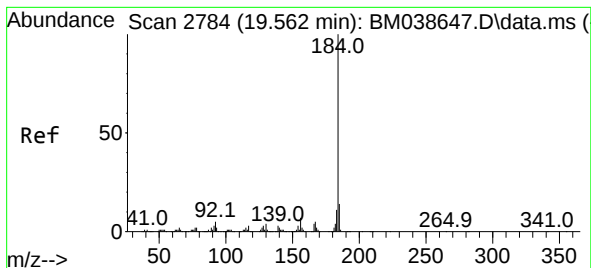
Tgt Ion:202 Resp: 567172
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.4
203 16.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.474 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:240 Resp: 202022
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.4
236 27.2 20.9 31.3





#77

Benzidine

Concen: 56.156 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA_M

ClientSampleId :

PB150858BS

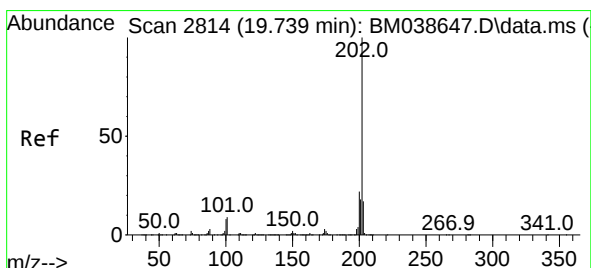
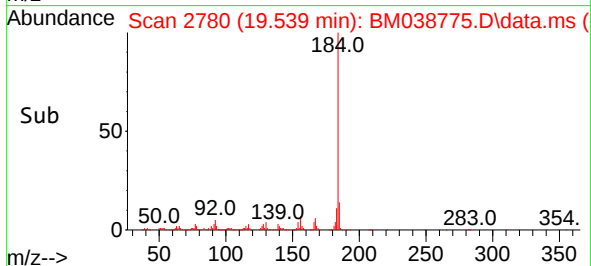
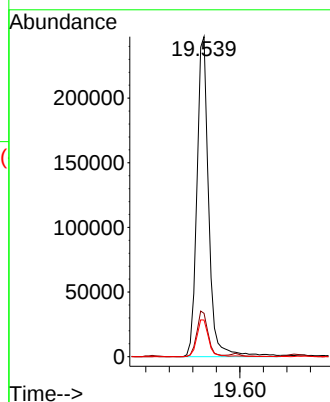
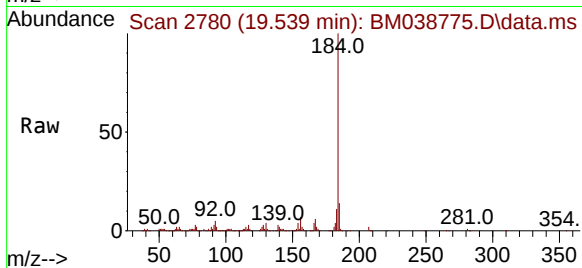
Tgt Ion:184 Resp: 344276

Ion Ratio Lower Upper

184 100

185 13.5 10.8 16.2

183 11.5 8.8 13.2



#78

Pyrene

Concen: 39.801 ng

RT: 19.704 min Scan# 2808

Delta R.T. -0.017 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

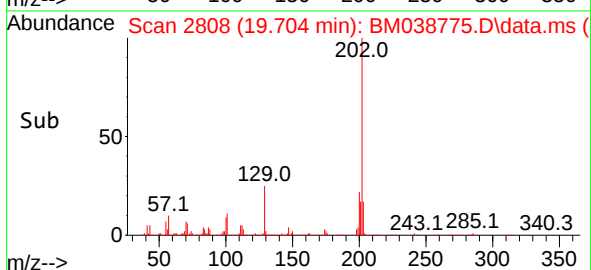
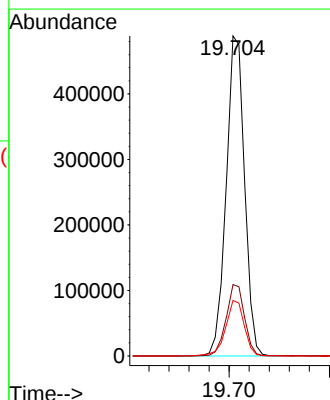
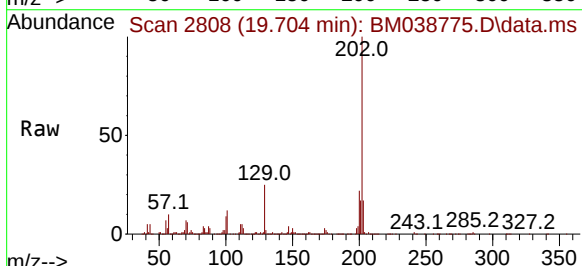
Tgt Ion:202 Resp: 619054

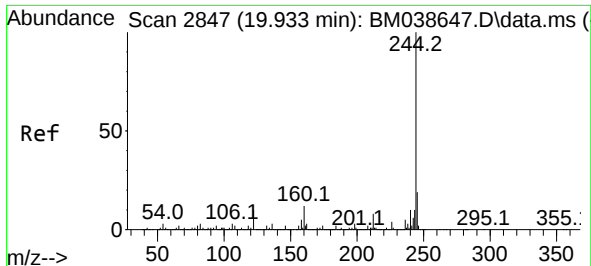
Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

203 17.4 13.5 20.3

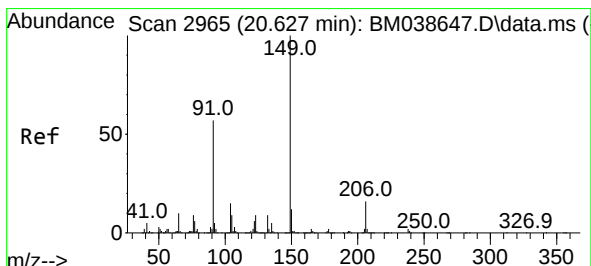
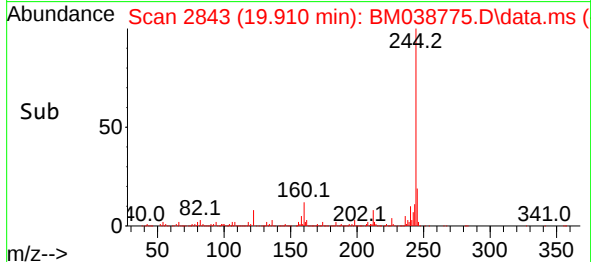
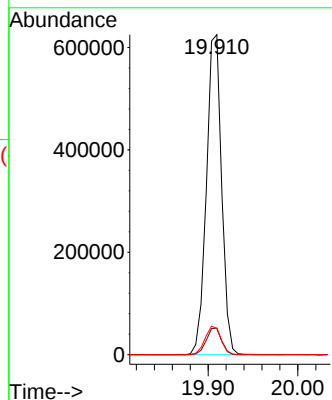
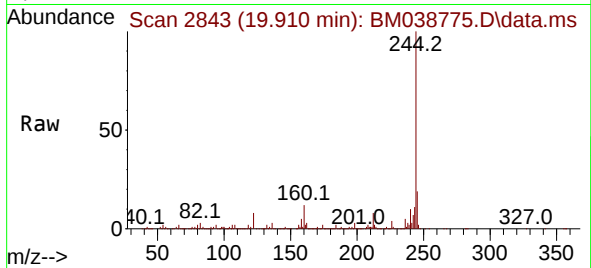




#79
 Terphenyl-d14
 Concen: 64.150 ng
 RT: 19.910 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM038775.D
 Acq: 17 Feb 2023 15:06

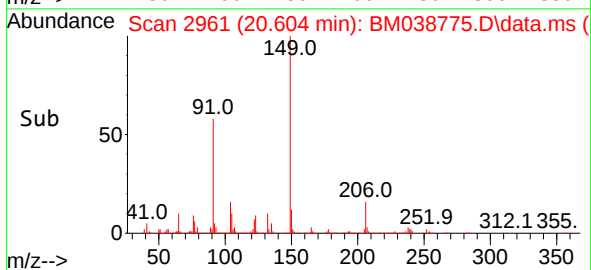
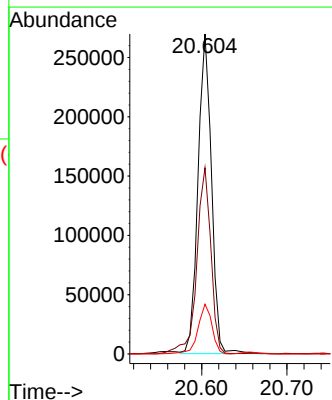
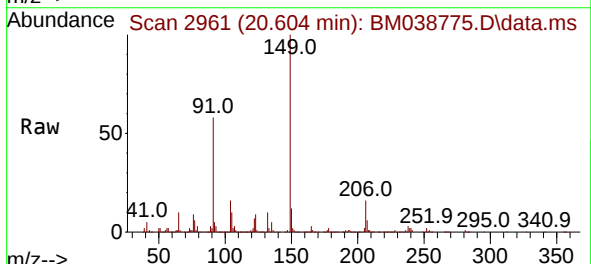
Instrument :
 BNA_M
 ClientSampleId :
 PB150858BS

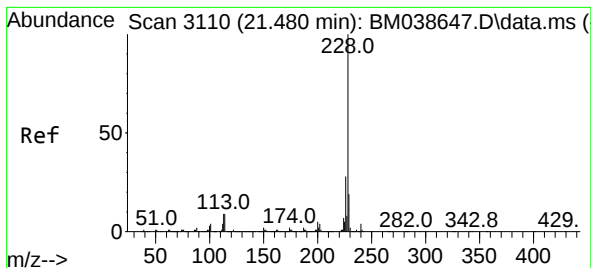
Tgt Ion:244 Resp: 734396
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 8.2 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 38.513 ng
 RT: 20.604 min Scan# 2961
 Delta R.T. -0.012 min
 Lab File: BM038775.D
 Acq: 17 Feb 2023 15:06

Tgt Ion:149 Resp: 295109
 Ion Ratio Lower Upper
 149 100
 91 58.2 45.6 68.4
 206 15.6 12.5 18.7





#81

Benzo(a)anthracene

Concen: 40.399 ng

RT: 21.463 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA_M

ClientSampleId :

PB150858BS

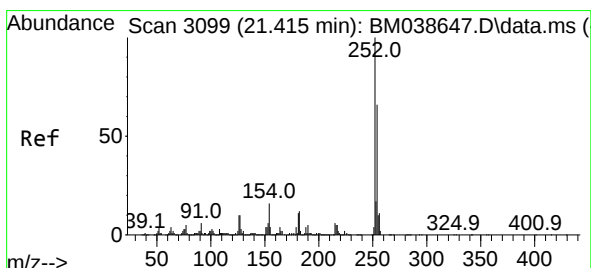
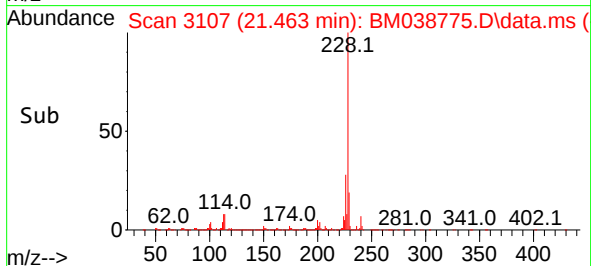
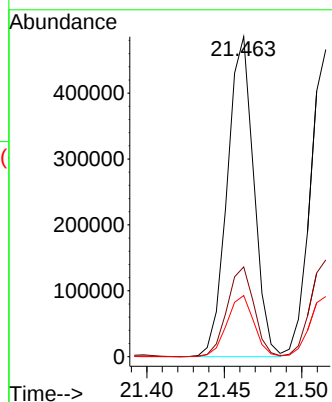
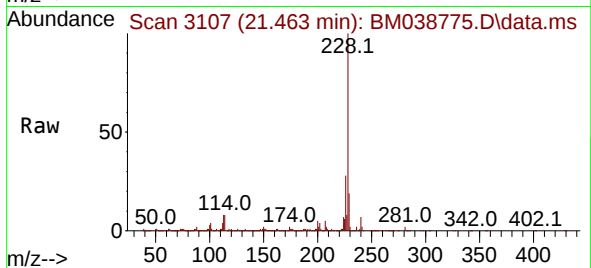
Tgt Ion:228 Resp: 577323

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

229 19.1 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 36.549 ng

RT: 21.398 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

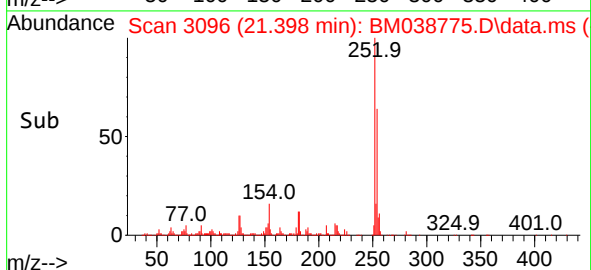
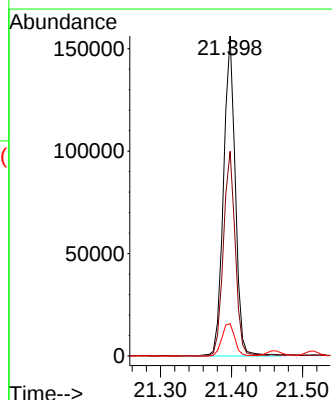
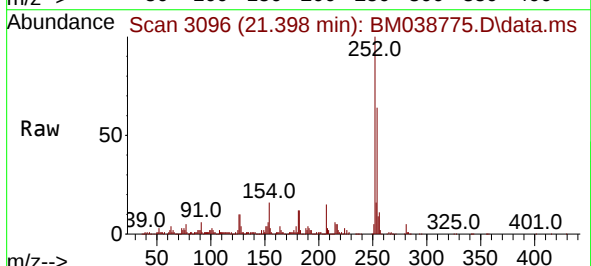
Tgt Ion:252 Resp: 179687

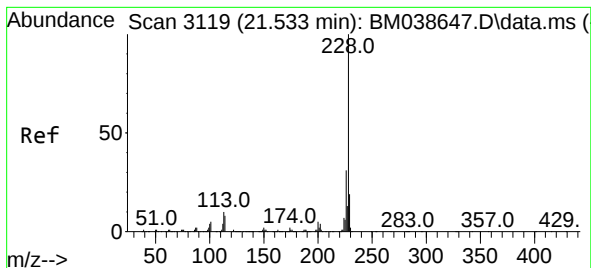
Ion Ratio Lower Upper

252 100

254 64.0 52.8 79.2

126 10.1 8.2 12.2





#83

Chrysene

Concen: 39.004 ng

RT: 21.515 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA_M

ClientSampleId :

PB150858BS

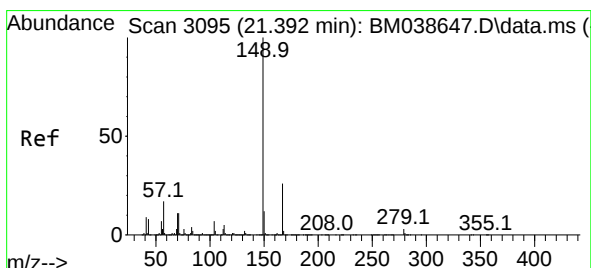
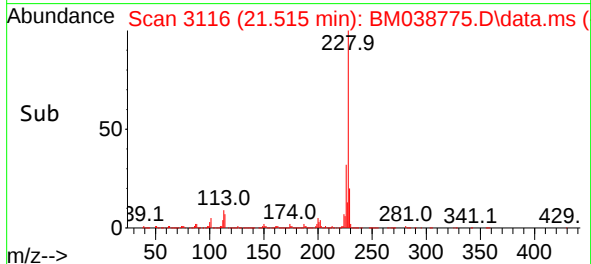
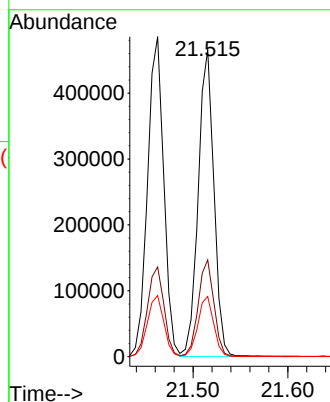
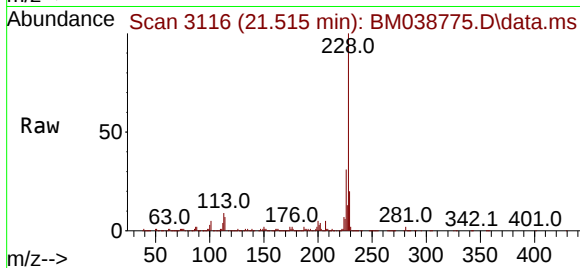
Tgt Ion:228 Resp: 537043

Ion Ratio Lower Upper

228 100

226 31.5 24.7 37.1

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.150 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

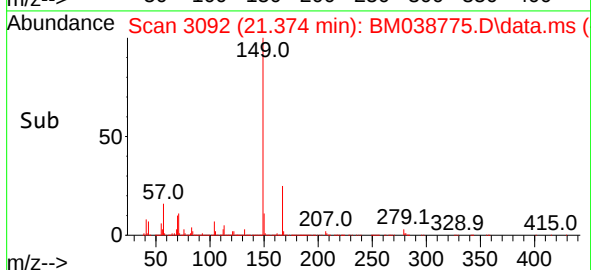
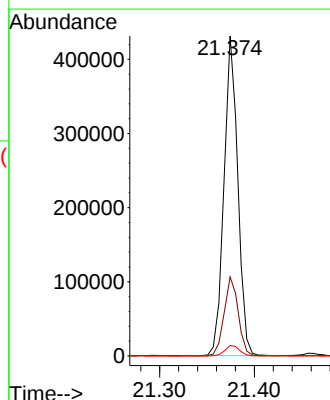
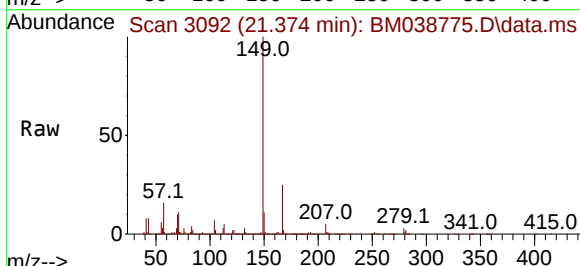
Tgt Ion:149 Resp: 437904

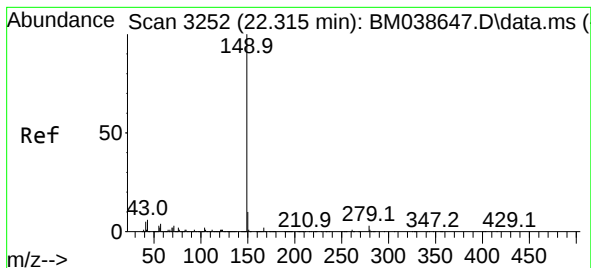
Ion Ratio Lower Upper

149 100

167 24.7 20.8 31.2

279 3.3 2.5 3.7





#85

Di-n-octyl phthalate

Concen: 42.147 ng

RT: 22.298 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA_M

ClientSampleId :

PB150858BS

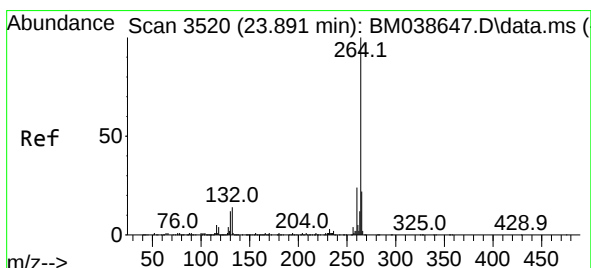
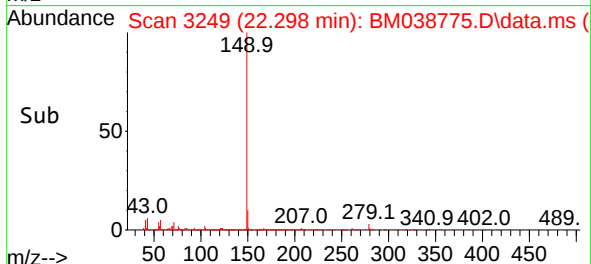
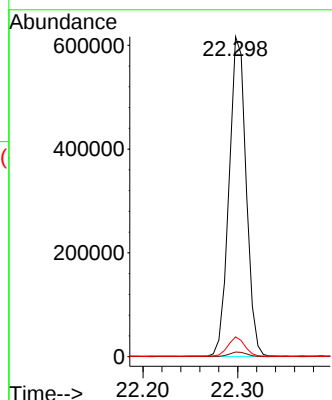
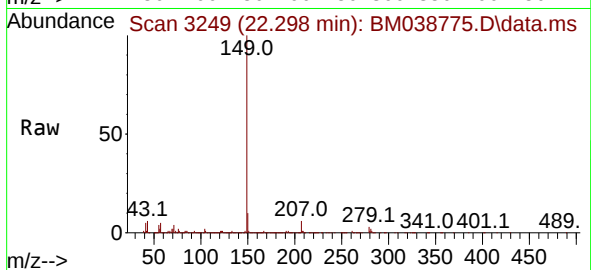
Tgt Ion:149 Resp: 771630

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.1 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.874 min Scan# 3517

Delta R.T. 0.006 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

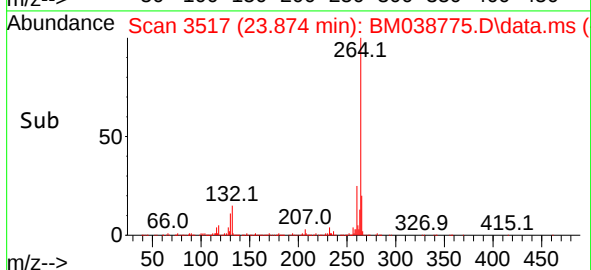
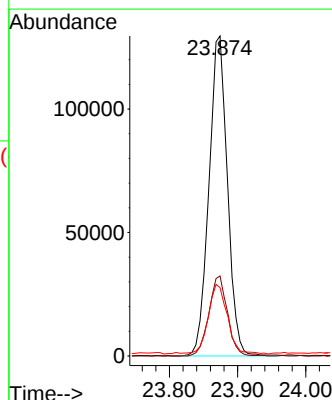
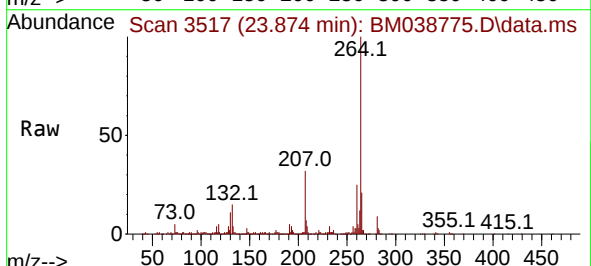
Tgt Ion:264 Resp: 244914

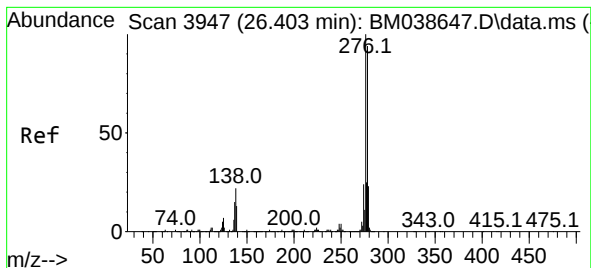
Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 21.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.401 ng

RT: 26.362 min Scan# 3940

Delta R.T. 0.000 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

Instrument :

BNA_M

ClientSampleId :

PB150858BS

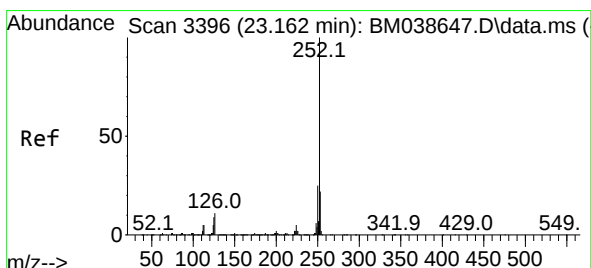
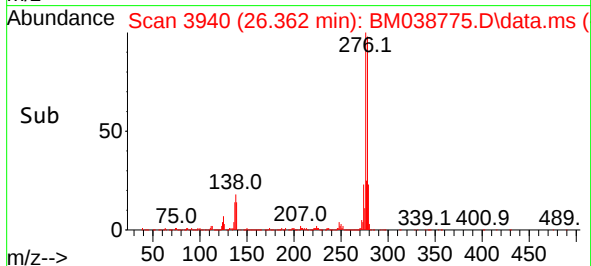
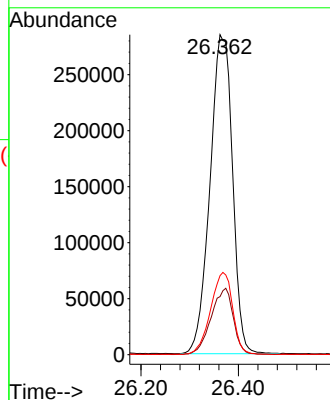
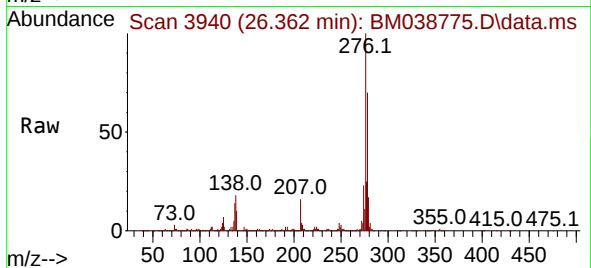
Tgt Ion:276 Resp: 914406

Ion Ratio Lower Upper

276 100

138 20.6 17.2 25.8

277 25.2 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 44.642 ng

RT: 23.145 min Scan# 3393

Delta R.T. 0.006 min

Lab File: BM038775.D

Acq: 17 Feb 2023 15:06

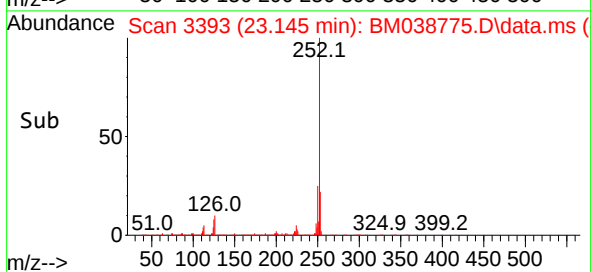
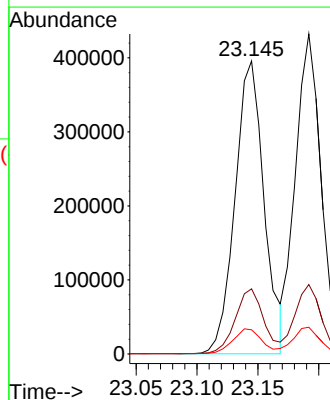
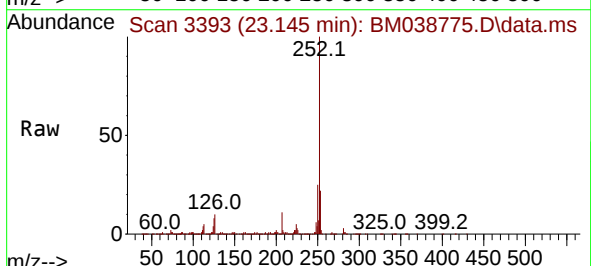
Tgt Ion:252 Resp: 654868

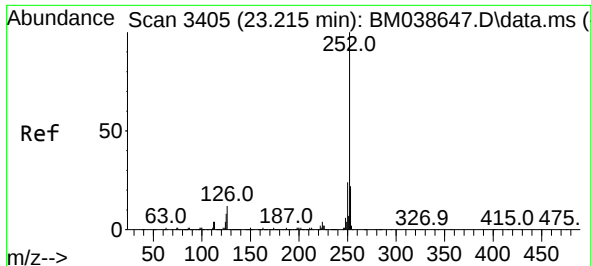
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 8.2 7.0 10.6

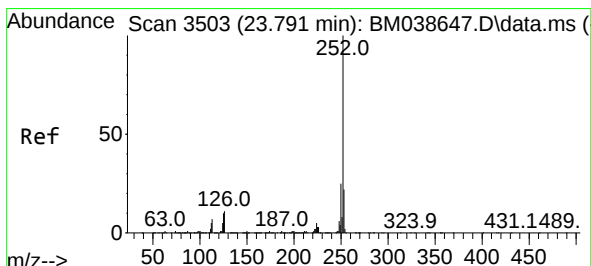
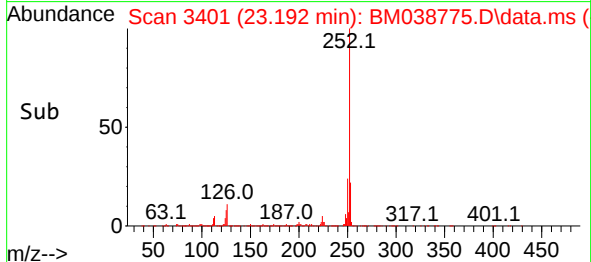
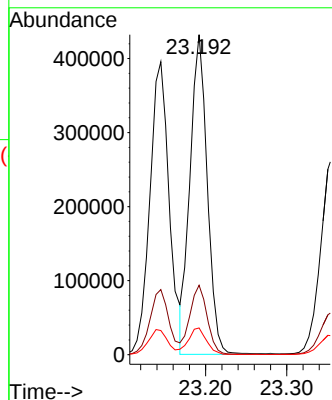
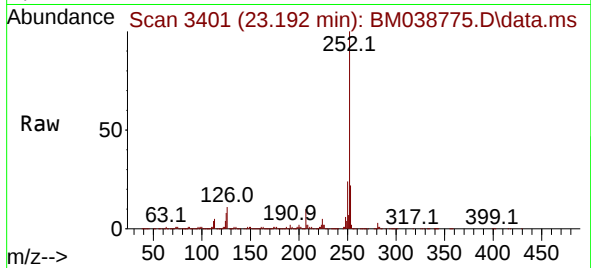




#89
Benzo(k)fluoranthene
Concen: 42.839 ng
RT: 23.192 min Scan# 3401
Delta R.T. 0.006 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

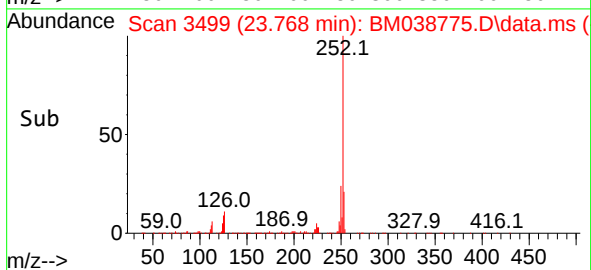
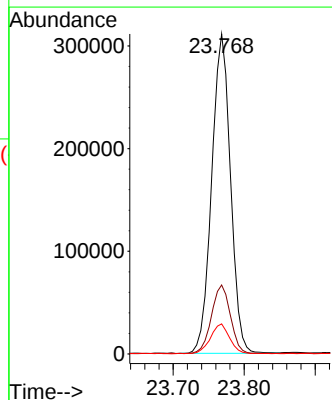
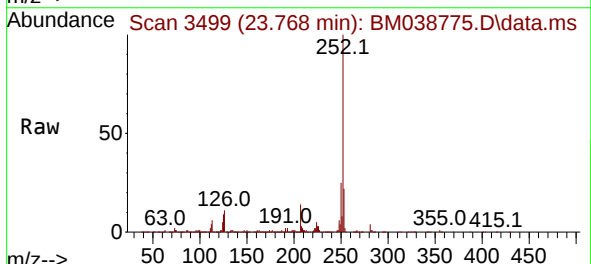
Instrument :
BNA_M
ClientSampleId :
PB150858BS

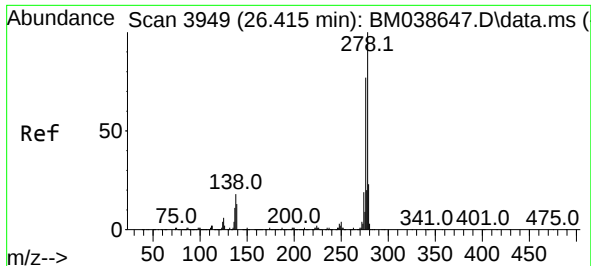
Tgt Ion:252 Resp: 638137
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.3 6.6 9.8



#90
Benzo(a)pyrene
Concen: 39.387 ng
RT: 23.768 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:252 Resp: 571385
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 9.4 7.8 11.8

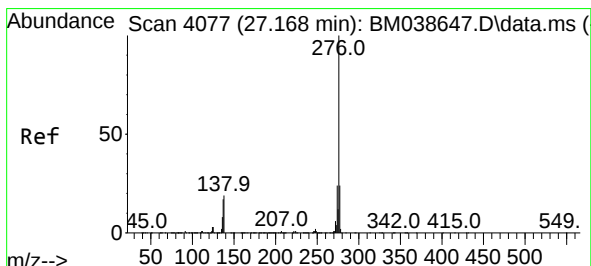
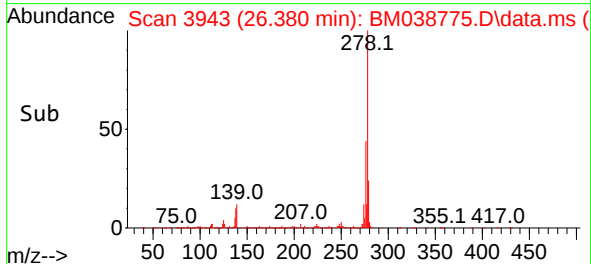
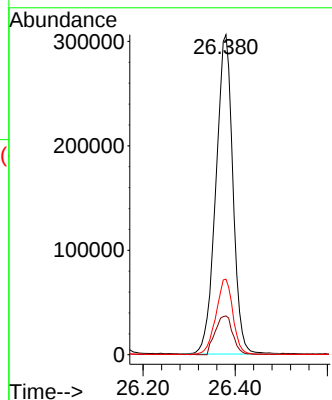
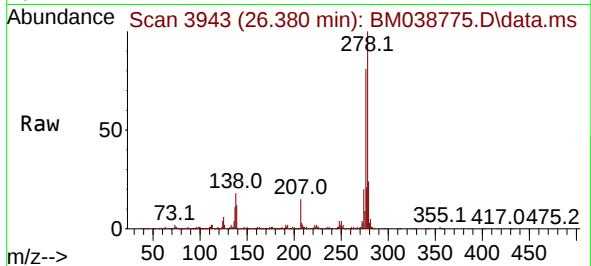




#91
Dibenzo(a,h)anthracene
Concen: 48.148 ng
RT: 26.380 min Scan# 3949
Delta R.T. 0.012 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Instrument :
BNA_M
ClientSampleId :
PB150858BS

Tgt Ion:278 Resp: 781442
Ion Ratio Lower Upper
278 100
139 12.1 10.5 15.7
279 23.6 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 43.228 ng
RT: 27.133 min Scan# 4071
Delta R.T. 0.006 min
Lab File: BM038775.D
Acq: 17 Feb 2023 15:06

Tgt Ion:276 Resp: 709207
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 18.9 15.3 22.9

