

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
 Data File : BM033561.D
 Acq On : 21 Dec 2021 19:26
 Operator : CG/JU
 Sample : M5182-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HB-2-(20-25)-12-17-21MS

Quant Time: Dec 22 03:39:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 21 16:25:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	25787	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	110109	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	72457	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	139279	20.000	ng	0.00
76) Chrysene-d12	21.483	240	102458	20.000	ng	0.00
86) Perylene-d12	23.882	264	104919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.478	112	223560	149.223	ng	0.00
7) Phenol-d6	7.084	99	294862	140.581	ng	0.00
23) Nitrobenzene-d5	9.083	82	234882	88.603	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	114237	128.041	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	468004	91.065	ng	0.00
79) Terphenyl-d14	19.924	244	528251	85.758	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.360	88	28210	45.118	ng	# 90
3) Pyridine	3.772	79	72227	45.736	ng	# 89
4) n-Nitrosodimethylamine	3.678	42	68340	57.956	ng	# 84
6) Aniline	7.242	93	84158	35.153	ng	98
8) 2-Chlorophenol	7.472	128	100913	61.120	ng	98
9) Benzaldehyde	7.054	77	77499	65.488	ng	98
10) Phenol	7.107	94	134618	64.653	ng	84
11) bis(2-Chloroethyl)ether	7.337	93	92188	58.069	ng	96
12) 1,3-Dichlorobenzene	7.942	146	114208	58.635	ng	93
13) 1,4-Dichlorobenzene	7.942	146	114208	57.680	ng	96
14) 1,2-Dichlorobenzene	8.260	146	110197	56.570	ng	99
15) Benzyl Alcohol	8.160	79	117169	59.305	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.448	45	163018	58.095	ng	99
17) 2-Methylphenol	8.360	107	90262	59.622	ng	# 92
18) Hexachloroethane	8.989	117	49140	60.675	ng	94
19) n-Nitroso-di-n-propyla...	8.725	70	93751	57.382	ng	93
20) 3+4-Methylphenols	8.695	107	122477	59.008	ng	96
22) Acetophenone	8.742	105	173889	57.650	ng	# 91
24) Nitrobenzene	9.125	77	148286	58.527	ng	96
25) Isophorone	9.654	82	235472	56.359	ng	# 98
26) 2-Nitrophenol	9.836	139	56923	58.815	ng	# 92
27) 2,4-Dimethylphenol	9.895	122	100371	67.172	ng	95
28) bis(2-Chloroethoxy)met...	10.136	93	133217	56.900	ng	98
29) 2,4-Dichlorophenol	10.372	162	103974	59.696	ng	99
30) 1,2,4-Trichlorobenzene	10.577	180	115353	56.204	ng	97
31) Naphthalene	10.772	128	330305	55.886	ng	99
32) Benzoic acid	10.066	122	69724	57.282	ng	96
33) 4-Chloroaniline	10.895	127	23719	10.560	ng	# 91
34) Hexachlorobutadiene	11.048	225	78513	55.624	ng	94
35) Caprolactam	11.701	113	19152	52.544	ng	93
36) 4-Chloro-3-methylphenol	12.019	107	124039	55.330	ng	98
37) 2-Methylnaphthalene	12.383	142	248561	58.703	ng	# 95
38) 1-Methylnaphthalene	12.601	142	230431	54.457	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.748	216	135192	64.937	ng	# 97
41) Hexachlorocyclopentadiene	12.719	237	181711	157.038	ng	99
43) 2,4,6-Trichlorophenol	12.995	196	87624	59.804	ng	97

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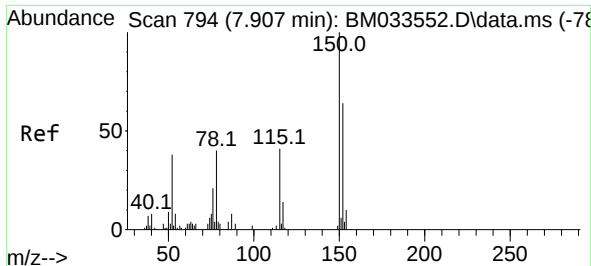
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.066	196	93344	60.010	ng	95
46) 1,1'-Biphenyl	13.395	154	330825	62.221	ng	97
47) 2-Chloronaphthalene	13.436	162	249209	60.417	ng	98
48) 2-Nitroaniline	13.648	65	94104	59.721	ng	98
49) Acenaphthylene	14.283	152	394523	59.720	ng	99
50) Dimethylphthalate	14.024	163	311043	55.688	ng	99
51) 2,6-Dinitrotoluene	14.142	165	65210	58.485	ng	# 78
52) Acenaphthene	14.624	154	234928	59.195	ng	97
53) 3-Nitroaniline	14.477	138	27928	25.506	ng	100
54) 2,4-Dinitrophenol	14.683	184	74301	107.075	ng	# 84
55) Dibenzofuran	14.960	168	388030	57.097	ng	95
56) 4-Nitrophenol	14.789	139	99457	117.664	ng	# 78
57) 2,4-Dinitrotoluene	14.930	165	92291	59.301	ng	95
58) Fluorene	15.607	166	307093	56.056	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.101	232	80081	56.087	ng	96
60) Diethylphthalate	15.383	149	328738	54.548	ng	98
61) 4-Chlorophenyl-phenyle...	15.601	204	158463	54.872	ng	93
62) 4-Nitroaniline	15.642	138	57229	50.724	ng	# 78
63) Azobenzene	15.895	77	365458	54.952	ng	94
65) 4,6-Dinitro-2-methylph...	15.695	198	47641	51.252	ng	93
66) n-Nitrosodiphenylamine	15.818	169	261835	63.383	ng	97
67) 4-Bromophenyl-phenylether	16.495	248	91193	60.666	ng	# 89
68) Hexachlorobenzene	16.606	284	100766	62.141	ng	98
69) Atrazine	16.771	200	90920	97.990	ng	99
70) Pentachlorophenol	16.954	266	124982	126.240	ng	99
71) Phenanthrene	17.348	178	461093	60.007	ng	100
72) Anthracene	17.436	178	469920	62.175	ng	99
73) Carbazole	17.712	167	390396	53.837	ng	99
74) Di-n-butylphthalate	18.271	149	529849	59.040	ng	# 98
75) Fluoranthene	19.359	202	486250	55.324	ng	98
77) Benzidine	19.553	184	226745	200.580	ng	100
78) Pyrene	19.724	202	487322	64.031	ng	99
80) Butylbenzylphthalate	20.618	149	207986	62.652	ng	95
81) Benzo(a)anthracene	21.465	228	407509	58.380	ng	98
82) 3,3'-Dichlorobenzidine	21.406	252	108010	34.451	ng	98
83) Chrysene	21.524	228	401244	59.938	ng	98
84) Bis(2-ethylhexyl)phtha...	21.394	149	290896	63.525	ng	100
85) Di-n-octyl phthalate	22.318	149	466036	62.238	ng	100
87) Indeno(1,2,3-cd)pyrene	26.371	276	477066	64.201	ng	# 94
88) Benzo(b)fluoranthene	23.153	252	424367	63.148	ng	99
89) Benzo(k)fluoranthene	23.200	252	389510	58.156	ng	# 97
90) Benzo(a)pyrene	23.777	252	404984	71.582	ng	# 98
91) Dibenzo(a,h)anthracene	26.388	278	406918	64.866	ng	96
92) Benzo(g,h,i)perylene	27.135	276	410387	66.428	ng	# 95

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

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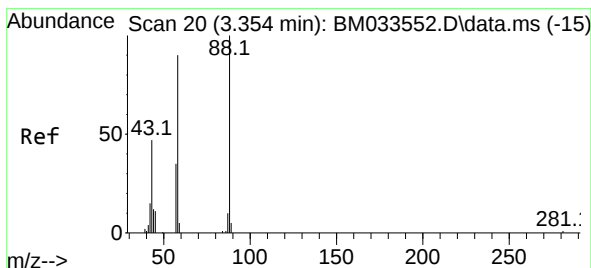
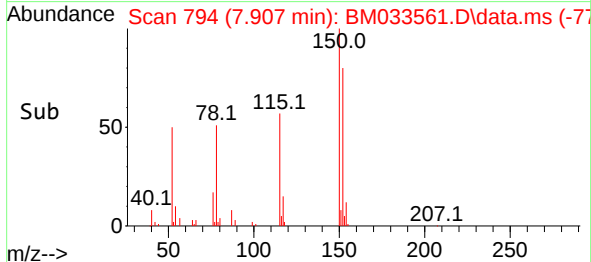
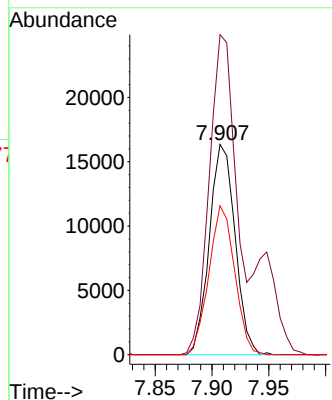
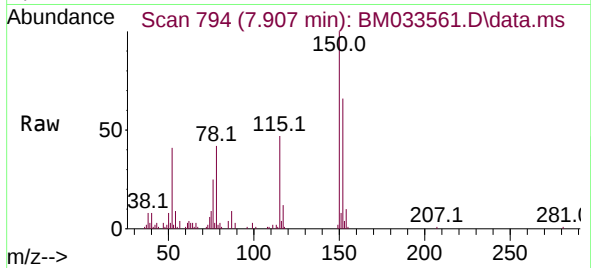




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.907 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM033561.D
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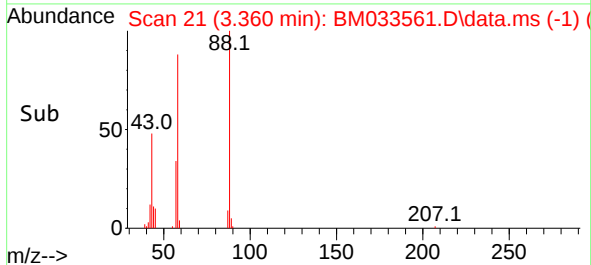
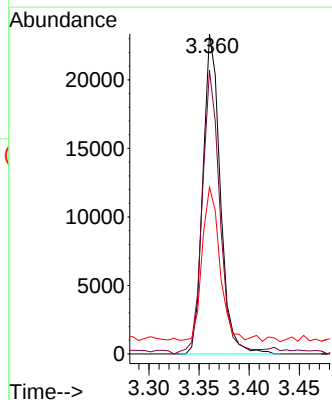
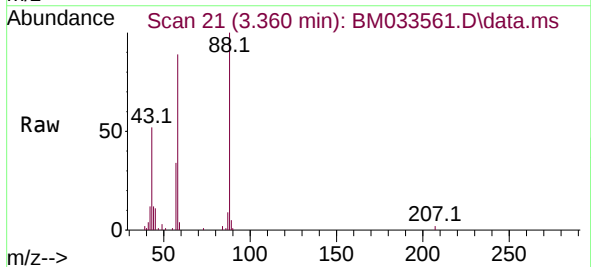
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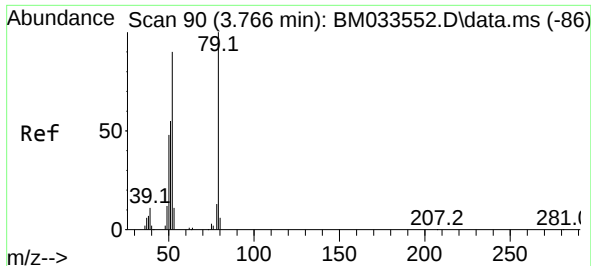
Tgt Ion:152 Resp: 25787
Ion Ratio Lower Upper
152 100
150 152.2 128.9 193.3
115 70.9 53.0 79.6



#2
1,4-Dioxane
Concen: 45.118 ng
RT: 3.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion: 88 Resp: 28210
Ion Ratio Lower Upper
88 100
58 90.7 67.0 100.4
43 48.1 31.6 47.4

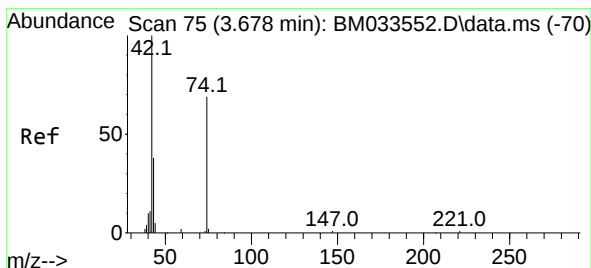
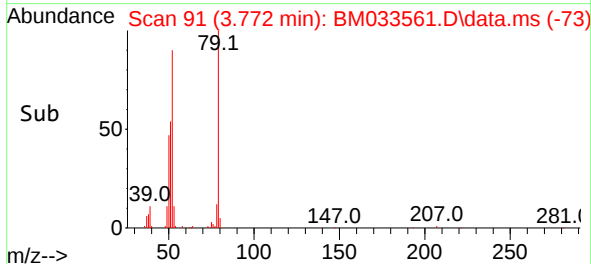
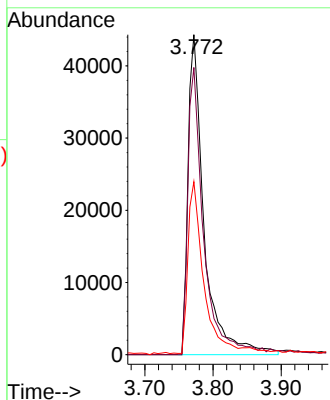
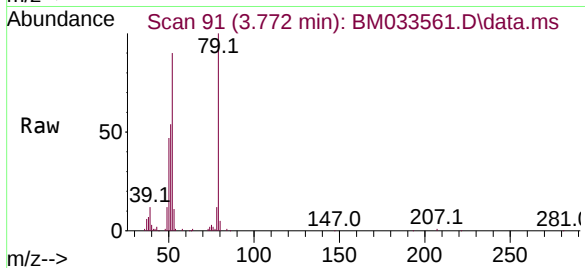




#3
 Pyridine
 Concen: 45.736 ng
 RT: 3.772 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BM033561.D
 Acq: 21 Dec 2021 19:26

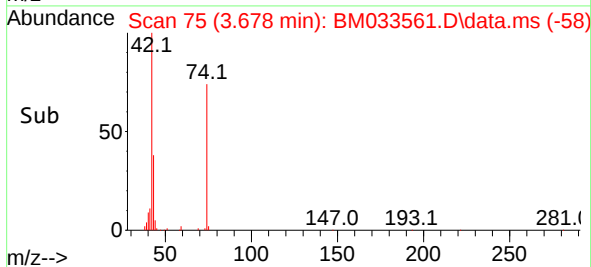
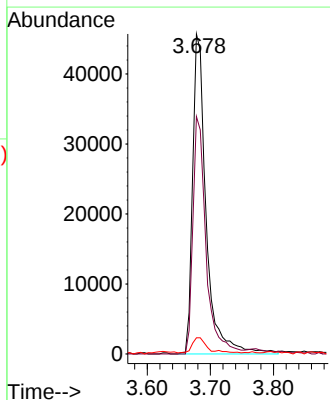
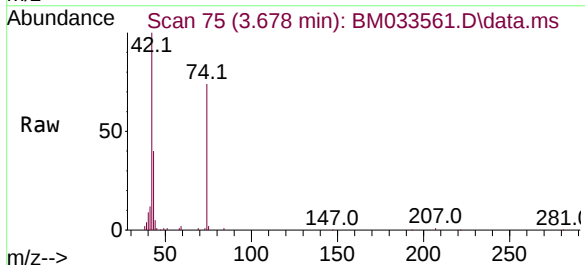
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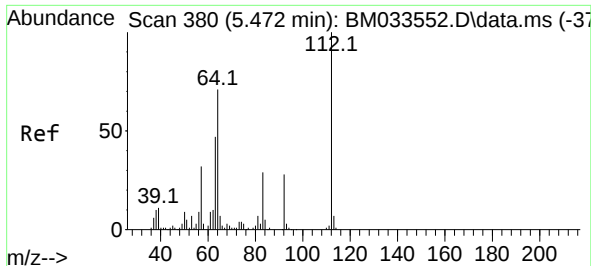
Tgt Ion: 79 Resp: 72227
 Ion Ratio Lower Upper
 79 100
 52 89.7 65.4 98.2
 51 54.0 34.8 52.2#



#4
 n-Nitrosodimethylamine
 Concen: 57.956 ng
 RT: 3.678 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BM033561.D
 Acq: 21 Dec 2021 19:26

Tgt Ion: 42 Resp: 68340
 Ion Ratio Lower Upper
 42 100
 74 74.2 72.5 108.7
 44 5.1 5.4 8.2#

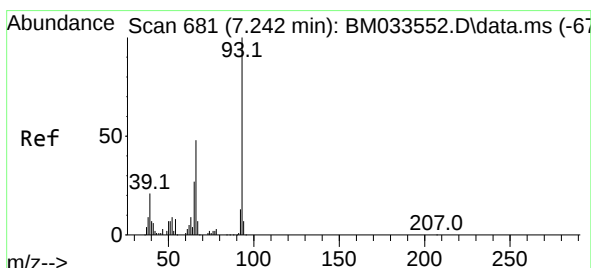
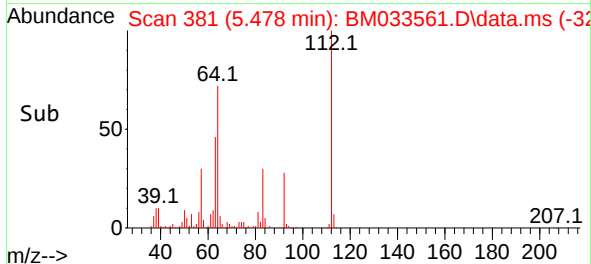
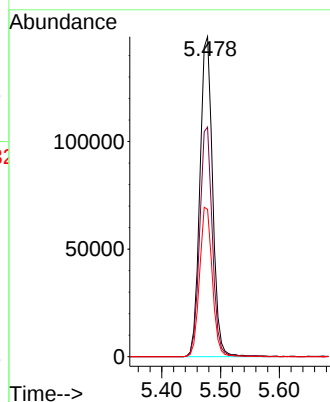
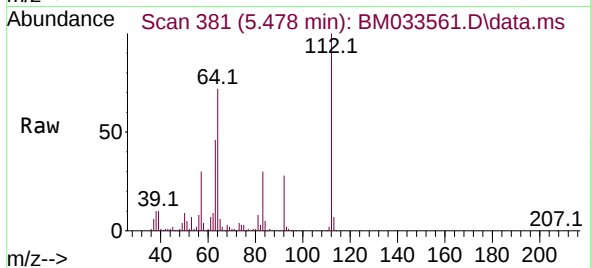




#5
2-Fluorophenol
Concen: 149.223 ng
RT: 5.478 min Scan# 380
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

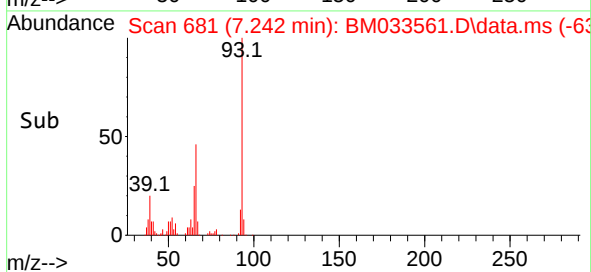
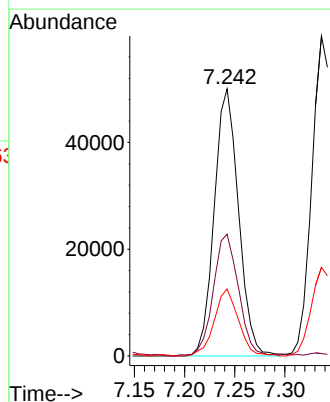
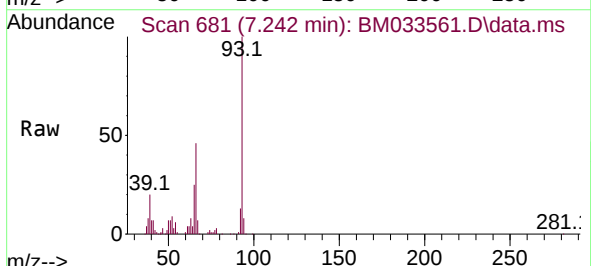
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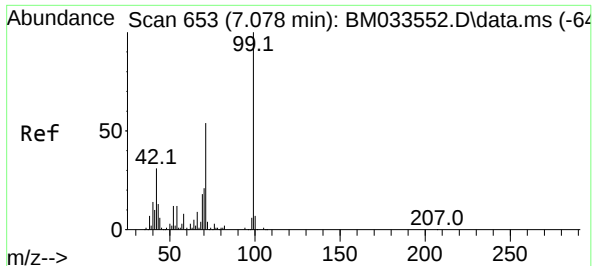
Tgt Ion:112 Resp: 223560
Ion Ratio Lower Upper
112 100
64 71.8 55.5 83.3
63 46.0 31.3 46.9



#6
Aniline
Concen: 35.153 ng
RT: 7.242 min Scan# 681
Delta R.T. -0.000 min
Lab File: BM033561.D
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Tgt Ion: 93 Resp: 84158
Ion Ratio Lower Upper
93 100
66 45.6 36.0 54.0
65 25.1 18.2 27.4

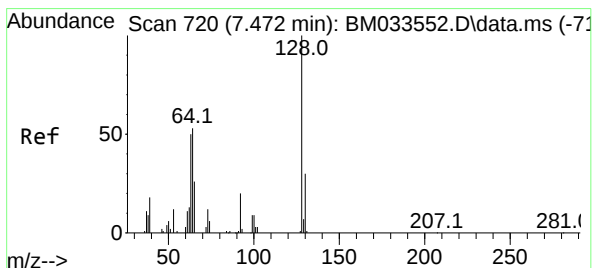
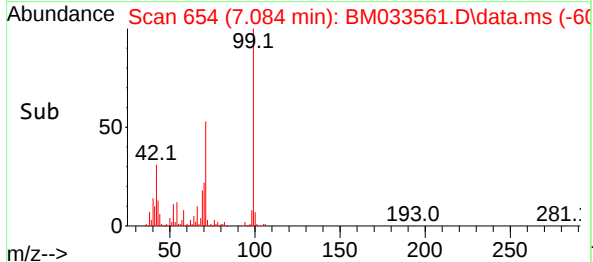
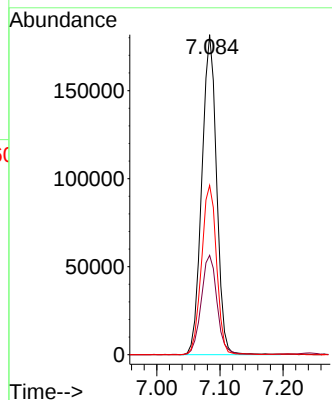
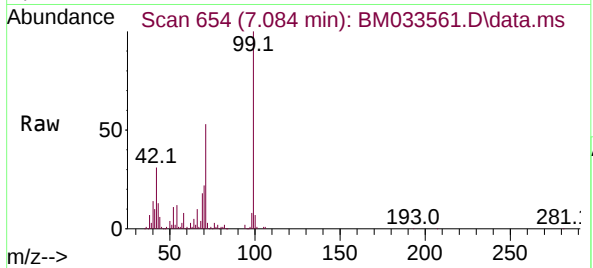




#7
Phenol-d6
Concen: 140.581 ng
RT: 7.084 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

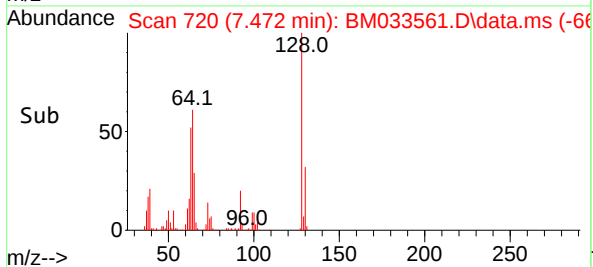
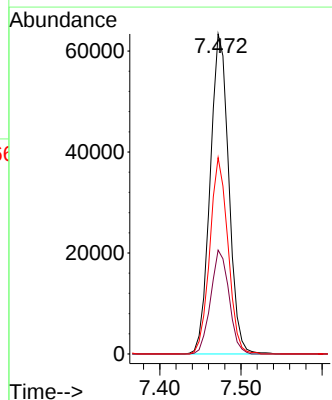
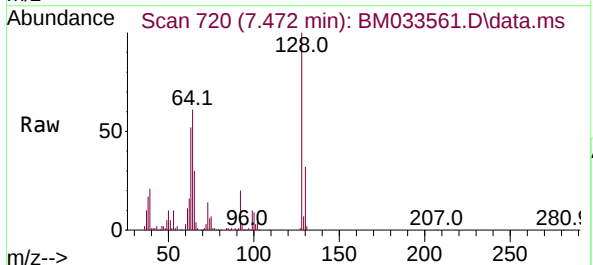
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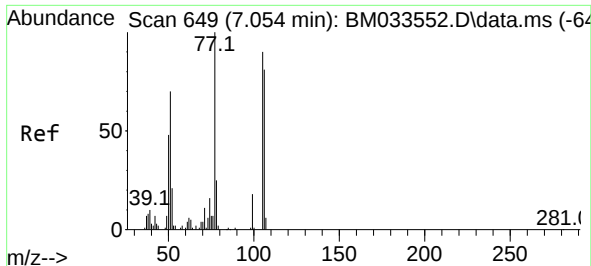
Tgt Ion: 99 Resp: 294862
Ion Ratio Lower Upper
99 100
42 31.1 20.3 30.5#
71 52.9 34.5 51.7#



#8
2-Chlorophenol
Concen: 61.120 ng
RT: 7.472 min Scan# 720
Delta R.T. -0.000 min
Lab File: BM033561.D
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Tgt Ion: 128 Resp: 100913
Ion Ratio Lower Upper
128 100
130 32.5 10.9 50.9
64 61.4 40.6 80.6

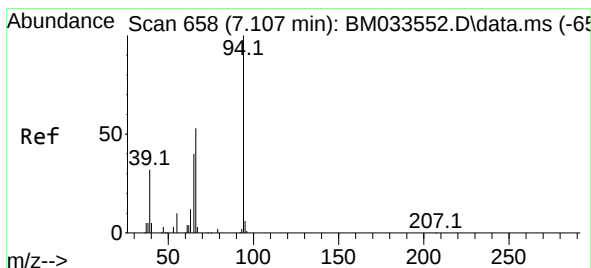
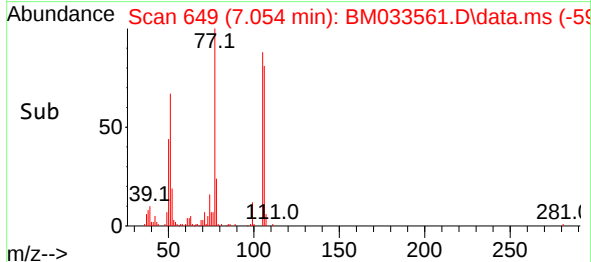
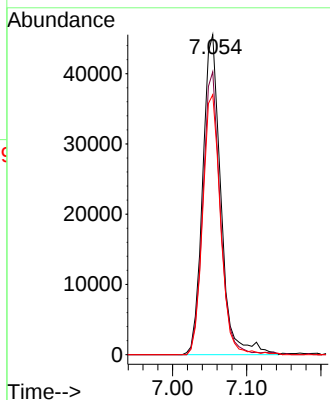
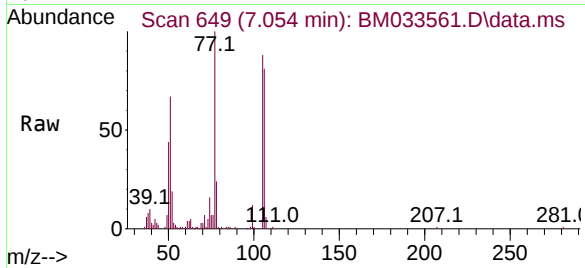




#9
Benzaldehyde
Concen: 65.488 ng
RT: 7.054 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

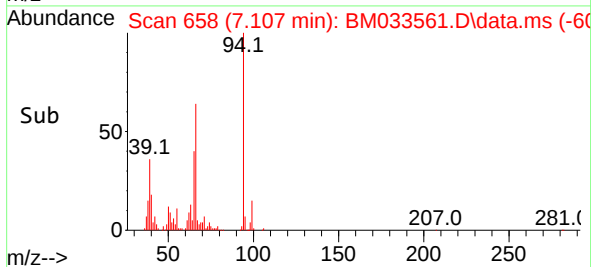
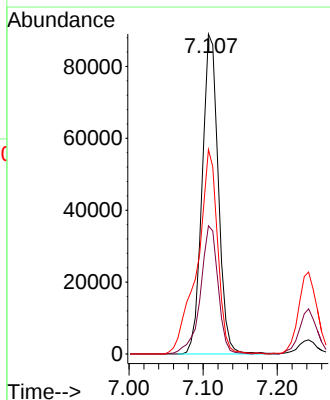
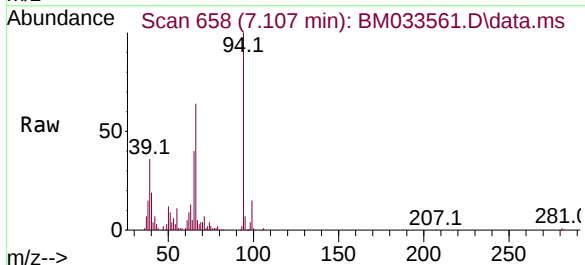
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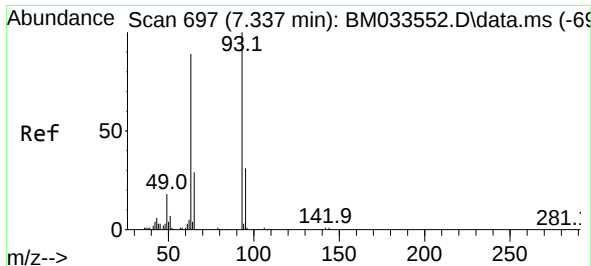
Tgt Ion: 77 Resp: 77499
Ion Ratio Lower Upper
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105 88.4 67.1 107.1
106 81.3 64.3 104.3



#10
Phenol
Concen: 64.653 ng
RT: 7.107 min Scan# 658
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion: 94 Resp: 134618
Ion Ratio Lower Upper
94 100
65 40.0 15.5 55.5
66 63.9 28.5 68.5

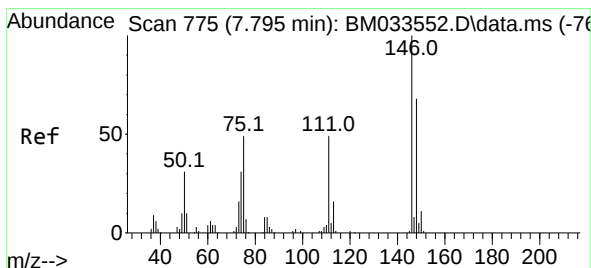
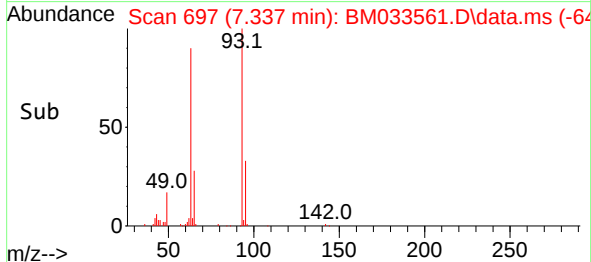
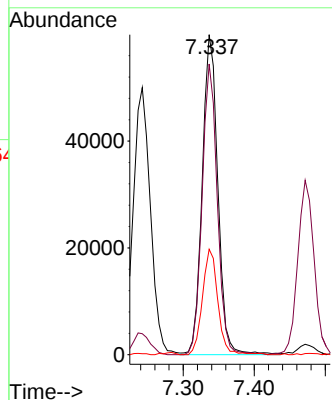
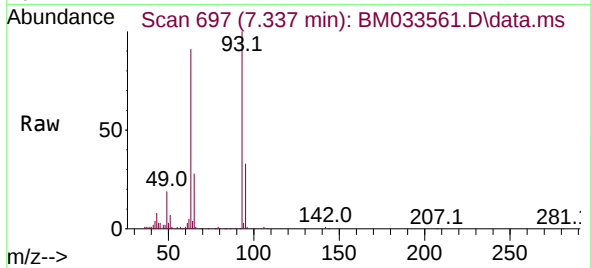




#11
bis(2-Chloroethyl)ether
Concen: 58.069 ng
RT: 7.337 min Scan# 697
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

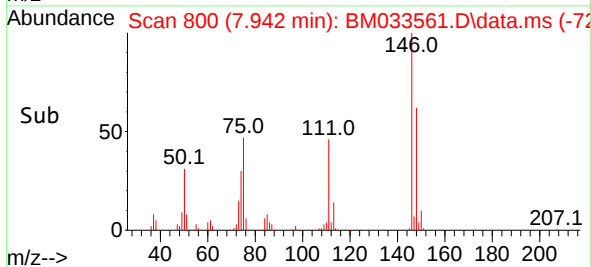
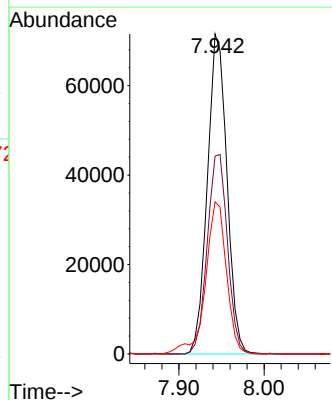
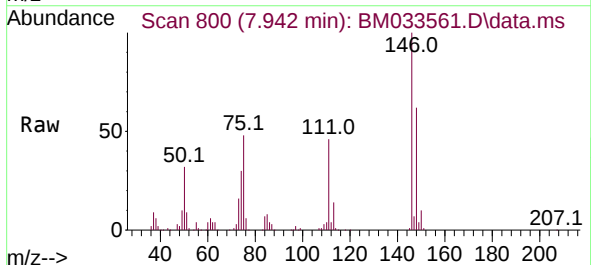
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

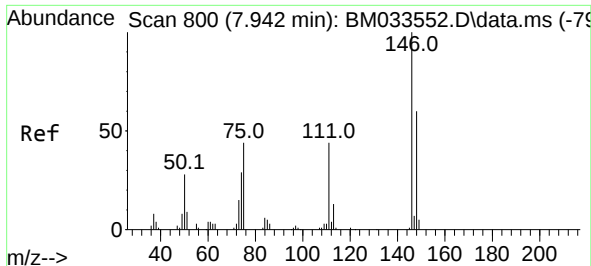
Tgt Ion: 93 Resp: 92188
Ion Ratio Lower Upper
93 100
63 90.8 67.0 107.0
95 32.9 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 58.635 ng
RT: 7.942 min Scan# 800
Delta R.T. 0.147 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:146 Resp: 114208
Ion Ratio Lower Upper
146 100
148 61.8 52.1 78.1
75 47.6 32.0 48.0

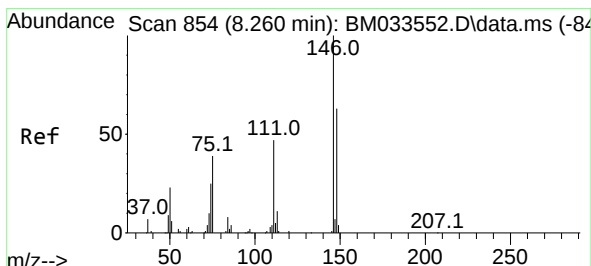
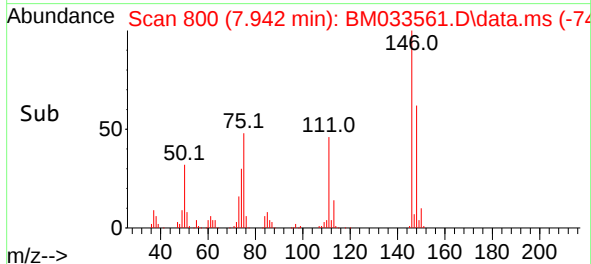
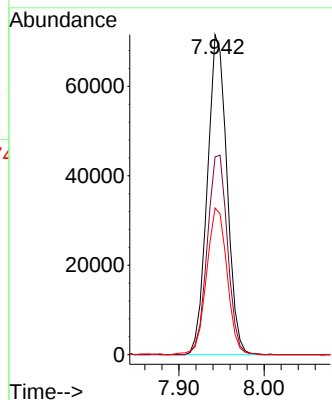
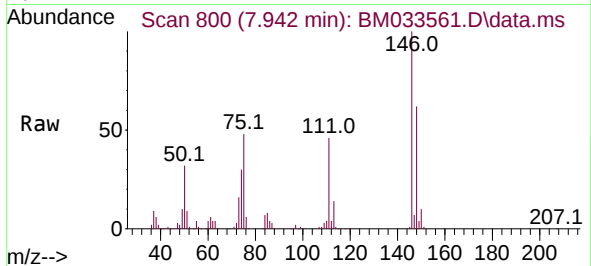




#13
1,4-Dichlorobenzene
Concen: 57.680 ng
RT: 7.942 min Scan# 800
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

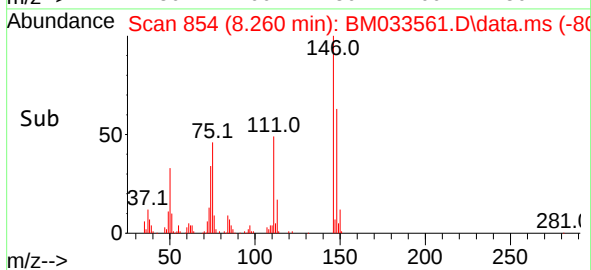
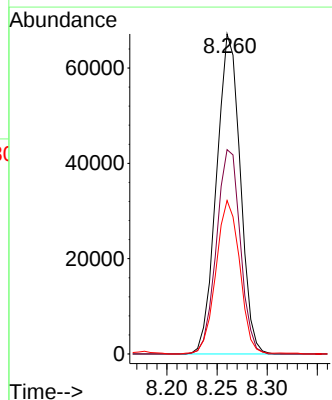
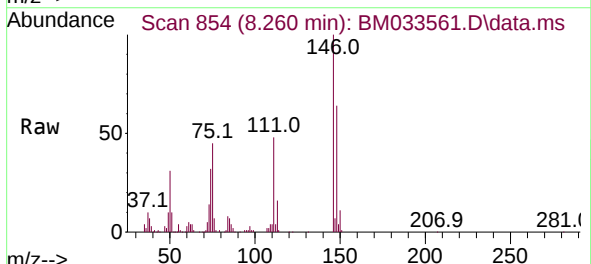
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

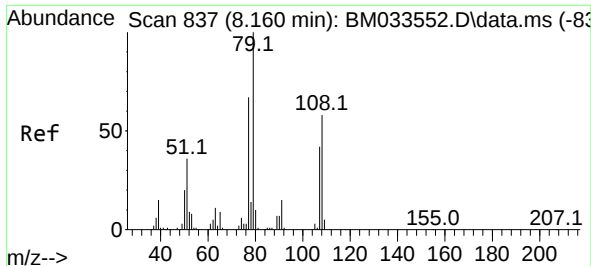
Tgt Ion:146 Resp: 114208
Ion Ratio Lower Upper
146 100
148 61.8 53.4 80.0
111 45.9 36.6 55.0



#14
1,2-Dichlorobenzene
Concen: 56.570 ng
RT: 8.260 min Scan# 854
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:146 Resp: 110197
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 48.0 37.8 56.8

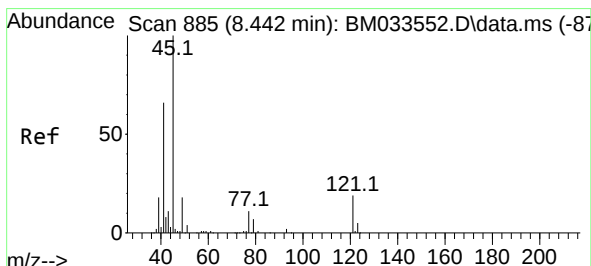
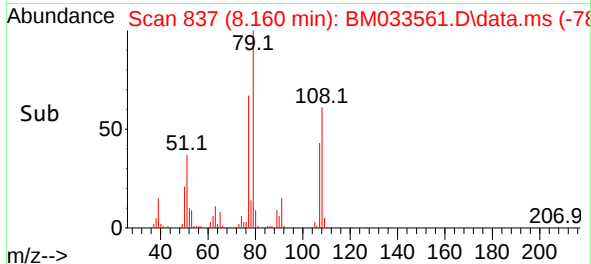
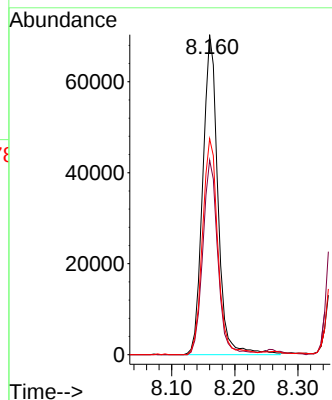
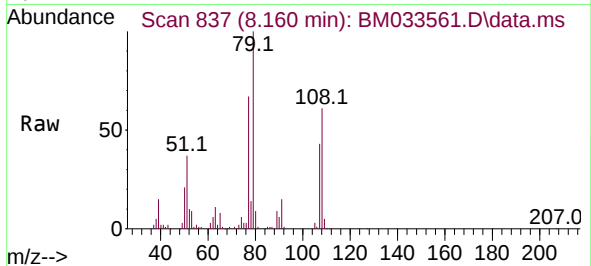




#15
Benzyl Alcohol
Concen: 59.305 ng
RT: 8.160 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

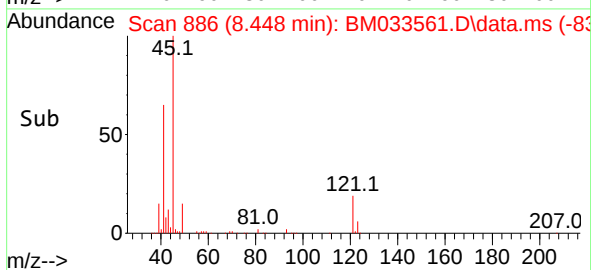
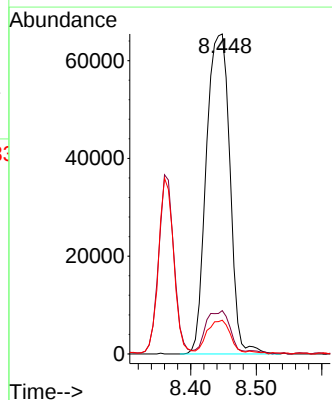
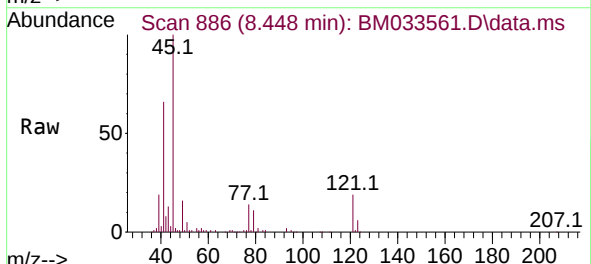
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

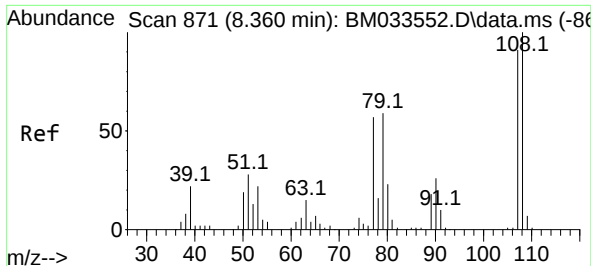
Tgt Ion: 79 Resp: 117169
Ion Ratio Lower Upper
79 100
108 60.8 51.1 76.7
77 67.5 53.8 80.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.095 ng
RT: 8.448 min Scan# 886
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion: 45 Resp: 163018
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.7
79 10.5 0.0 30.0

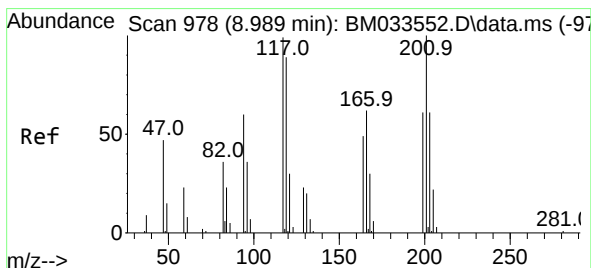
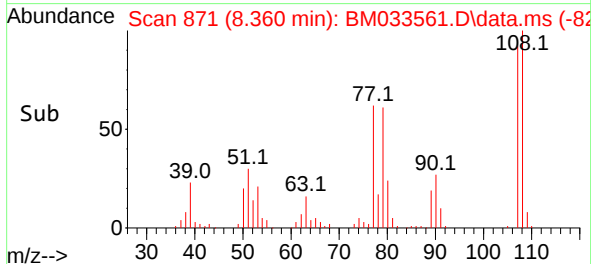
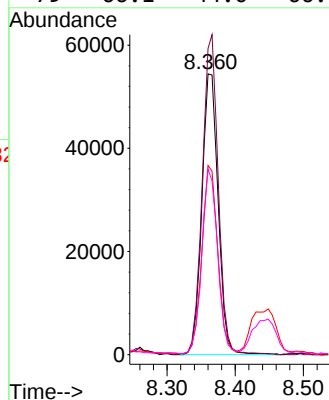
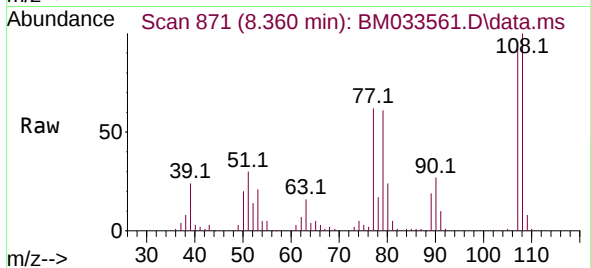




#17
2-Methylphenol
Concen: 59.622 ng
RT: 8.360 min Scan# 871
Delta R.T. 0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

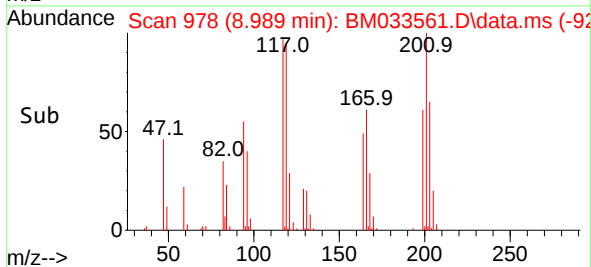
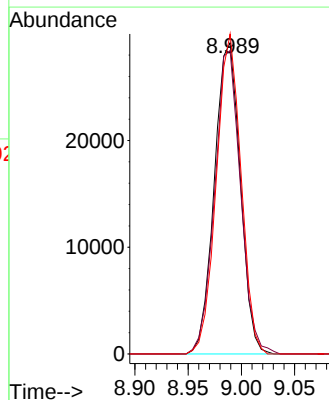
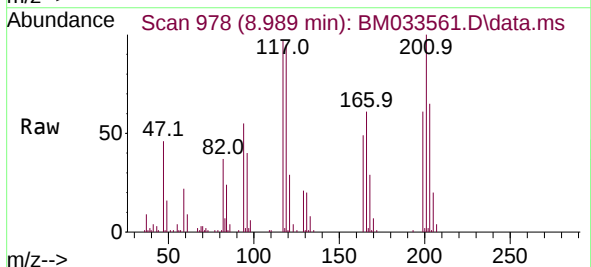
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

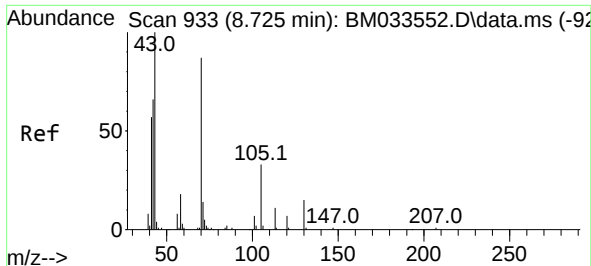
Tgt Ion:	107	Resp:	90262
Ion Ratio	Lower	Upper	
107	100		
108	109.1	89.2	133.8
77	67.3	46.0	69.0
79	66.1	44.0	66.0



#18
Hexachloroethane
Concen: 60.675 ng
RT: 8.989 min Scan# 978
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:	117	Resp:	49140
Ion Ratio	Lower	Upper	
117	100		
119	97.5	75.0	112.6
201	102.8	75.2	112.8

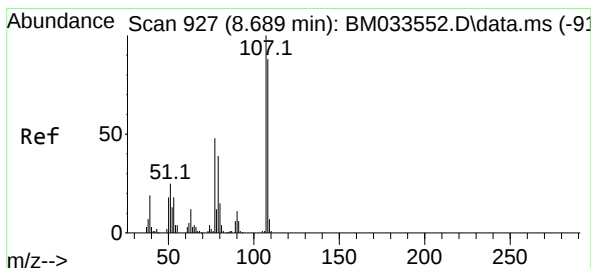
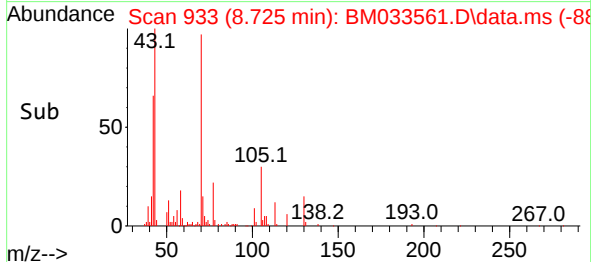
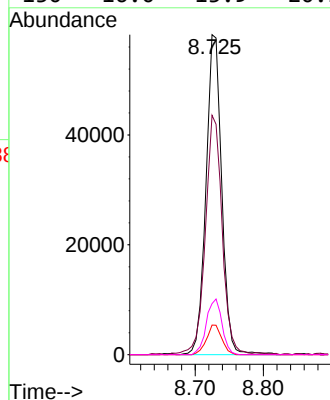
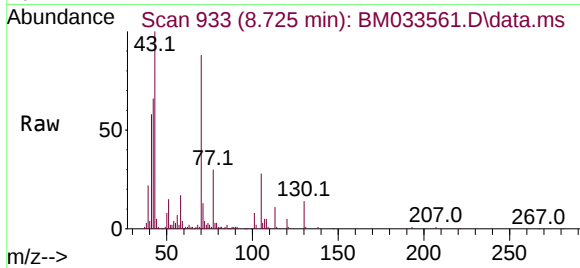




#19
n-Nitroso-di-n-propylamine
Concen: 57.382 ng
RT: 8.725 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

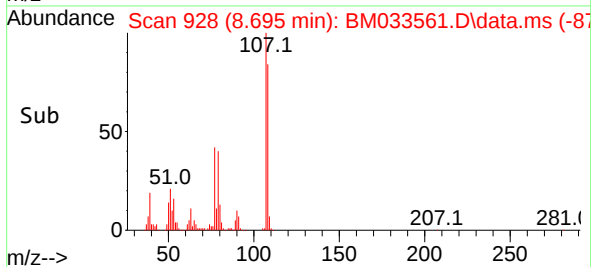
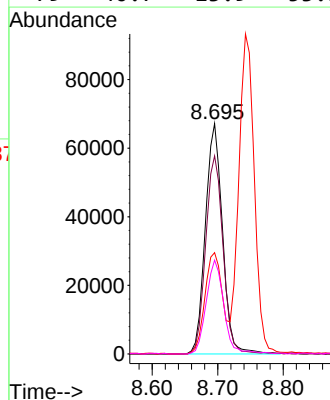
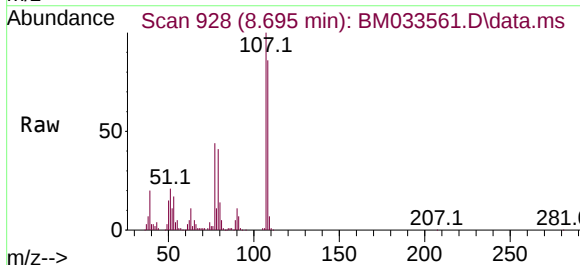
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

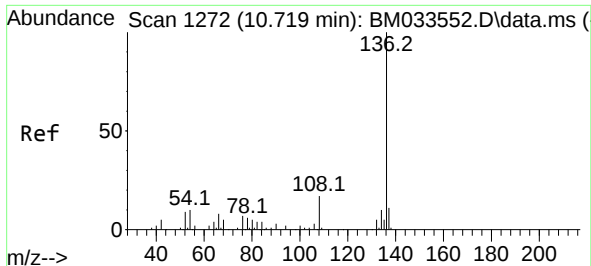
Tgt Ion:	70	Resp:	93751
Ion	Ratio	Lower	Upper
70	100		
42	74.8	54.1	81.1
101	9.2	7.8	11.6
130	16.0	13.9	20.9



#20
3+4-Methylphenols
Concen: 59.008 ng
RT: 8.695 min Scan# 928
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:	107	Resp:	122477
Ion	Ratio	Lower	Upper
107	100		
108	86.0	64.2	104.2
77	44.0	22.7	62.7
79	40.7	13.9	53.9

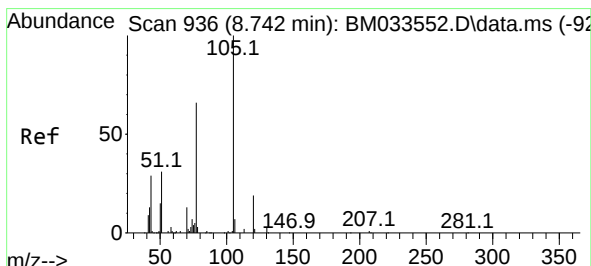
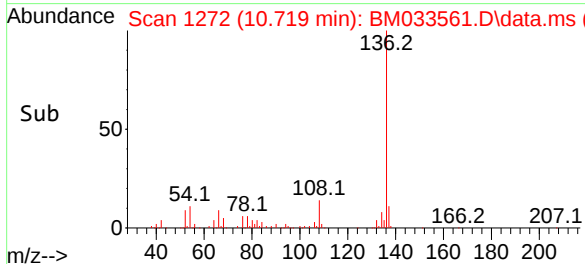
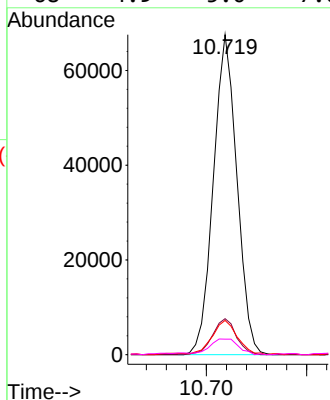
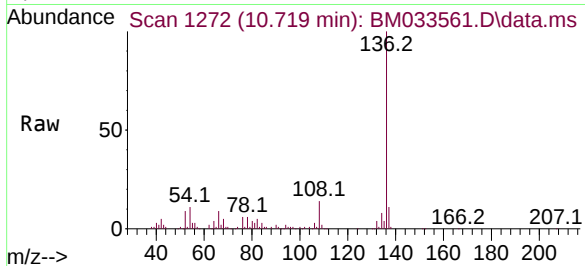




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

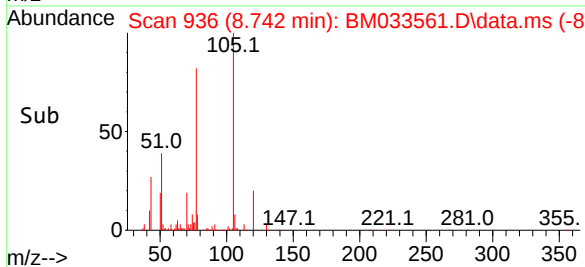
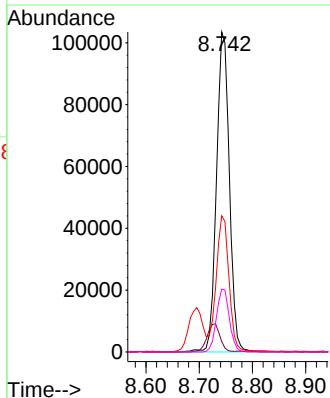
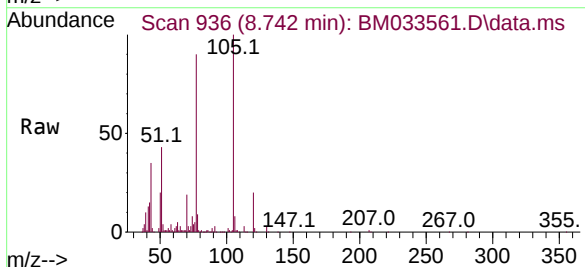
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

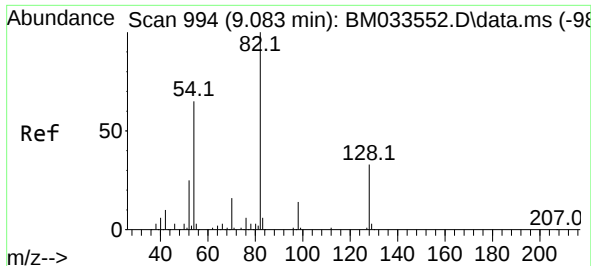
Tgt Ion:136 Resp: 110109
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.7 8.3 12.5
68 4.9 5.0 7.6#



#22
Acetophenone
Concen: 57.650 ng
RT: 8.742 min Scan# 936
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:105 Resp: 173889
Ion Ratio Lower Upper
105 100
71 3.3 1.6 2.4#
51 42.5 27.7 41.5#
120 19.7 16.2 24.2





#23

Nitrobenzene-d5

Concen: 88.603 ng

RT: 9.083 min Scan# 994

Delta R.T. -0.000 min

Lab File: BM033561.D

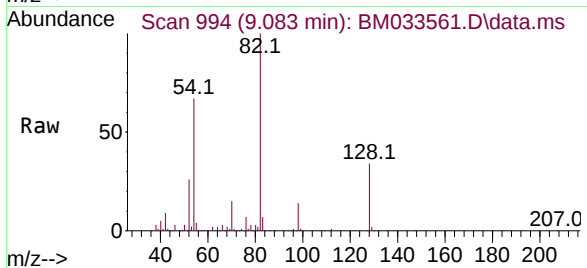
Acq: 21 Dec 2021 19:26

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MS



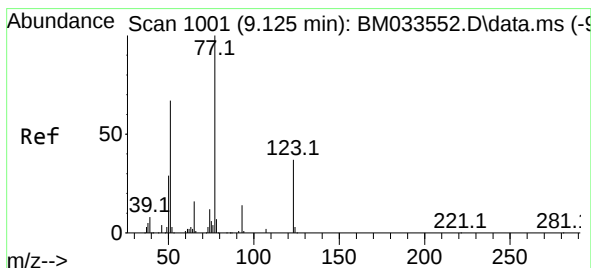
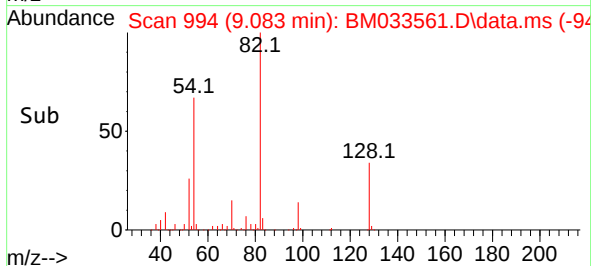
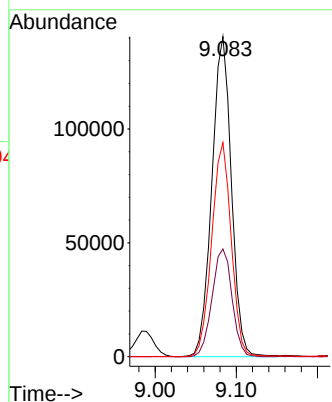
Tgt Ion: 82 Resp: 234882

Ion Ratio Lower Upper

82 100

128 33.7 28.1 42.1

54 66.9 46.1 69.1



#24

Nitrobenzene

Concen: 58.527 ng

RT: 9.125 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BM033561.D

Acq: 21 Dec 2021 19:26

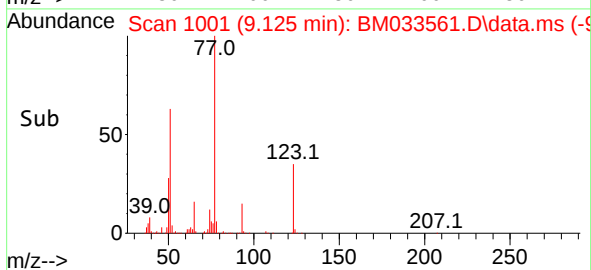
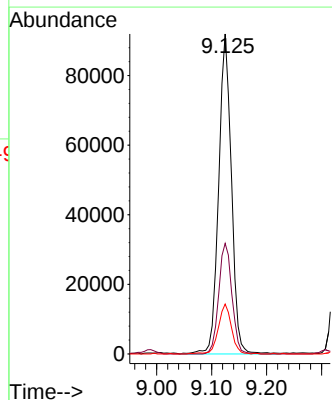
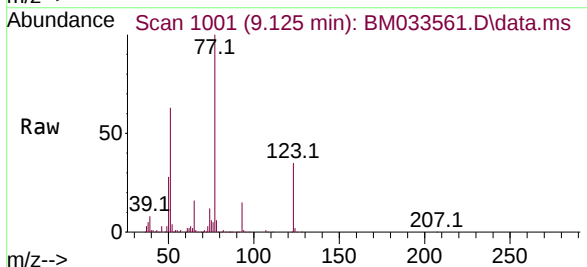
Tgt Ion: 77 Resp: 148286

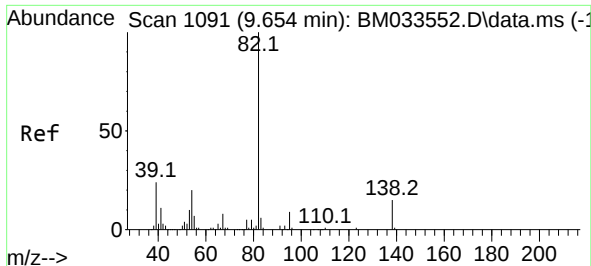
Ion Ratio Lower Upper

77 100

123 34.5 29.8 44.8

65 15.6 11.5 17.3

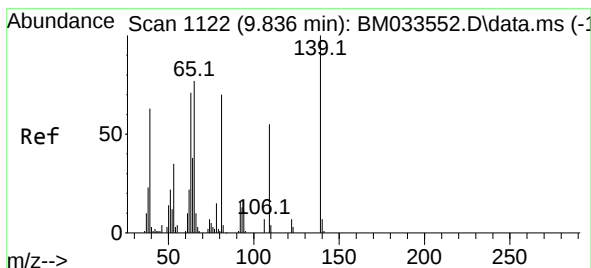
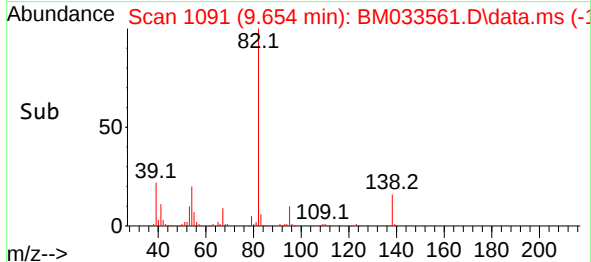
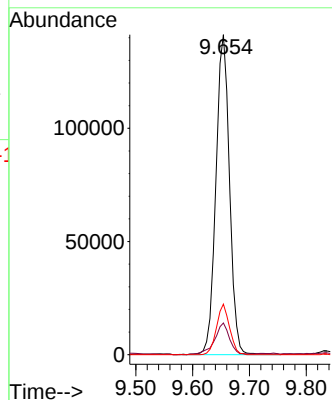
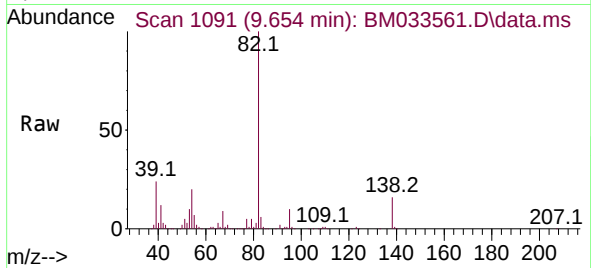




#25
Isophorone
Concen: 56.359 ng
RT: 9.654 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

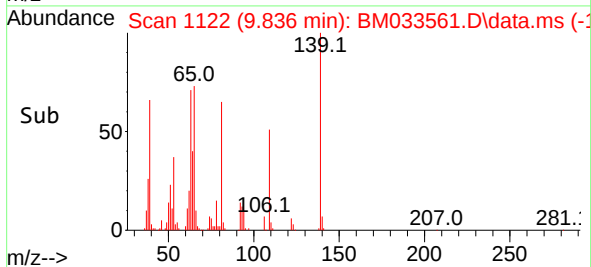
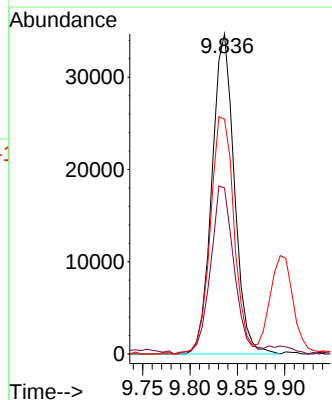
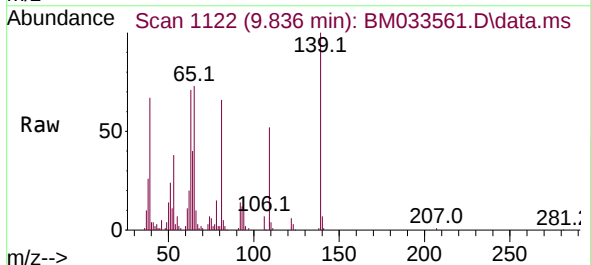
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

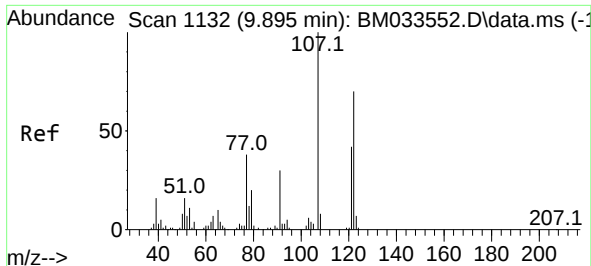
Tgt Ion: 82 Resp: 235472
Ion Ratio Lower Upper
82 100
95 9.9 6.4 9.6#
138 15.8 12.4 18.6



#26
2-Nitrophenol
Concen: 58.815 ng
RT: 9.836 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion: 139 Resp: 56923
Ion Ratio Lower Upper
139 100
109 51.9 33.0 49.6#
65 73.3 57.2 85.8

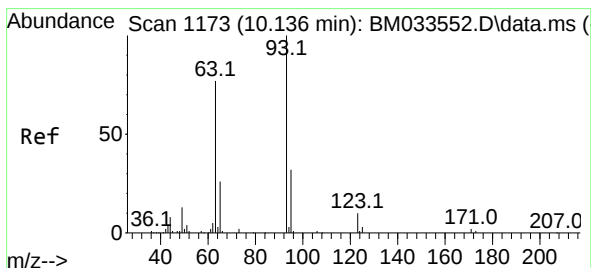
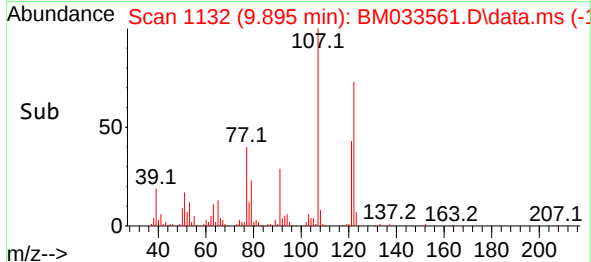
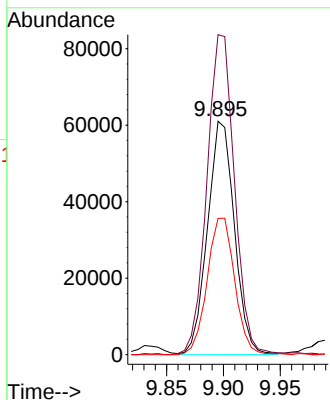
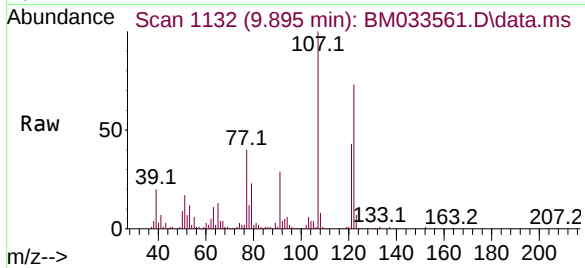




#27
2,4-Dimethylphenol
Concen: 67.172 ng
RT: 9.895 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

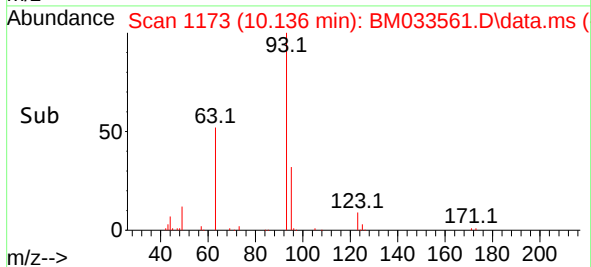
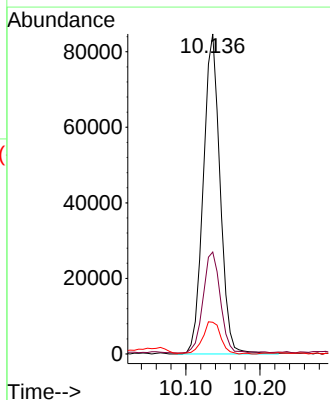
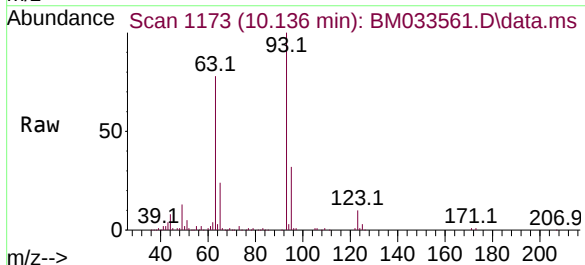
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

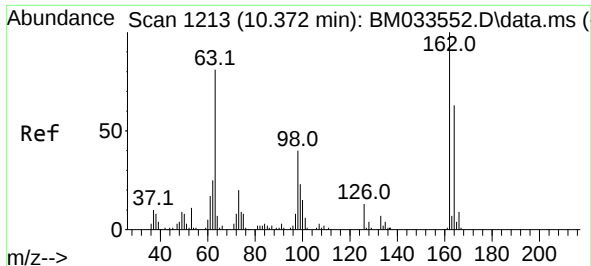
Tgt Ion:122 Resp: 100371
Ion Ratio Lower Upper
122 100
107 137.1 105.3 157.9
121 58.4 49.7 74.5



#28
bis(2-Chloroethoxy)methane
Concen: 56.900 ng
RT: 10.136 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion: 93 Resp: 133217
Ion Ratio Lower Upper
93 100
95 31.8 26.8 40.2
123 9.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 59.696 ng

RT: 10.372 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM033561.D

Acq: 21 Dec 2021 19:26

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MS

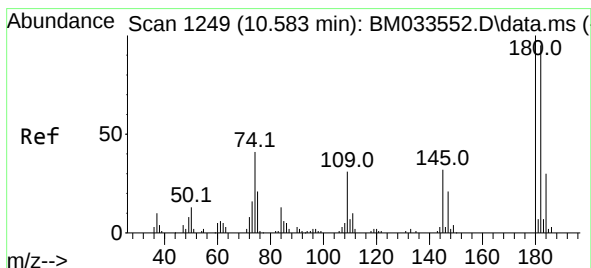
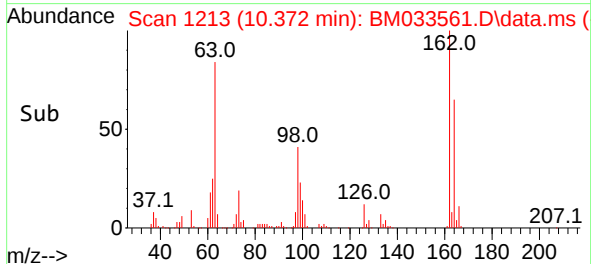
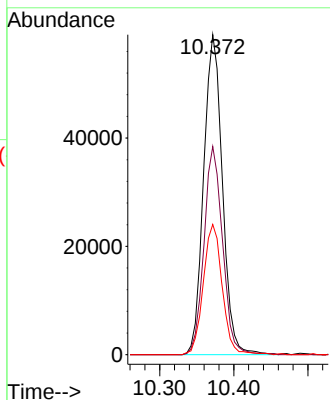
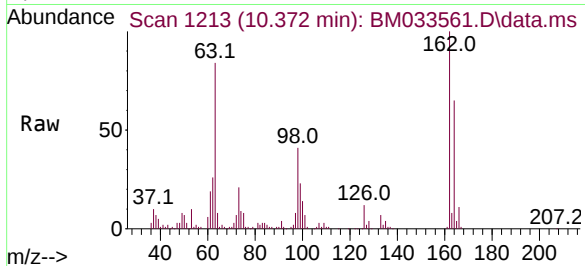
Tgt Ion:162 Resp: 103974

Ion Ratio Lower Upper

162 100

164 65.1 44.4 84.4

98 40.7 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 56.204 ng

RT: 10.577 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BM033561.D

Acq: 21 Dec 2021 19:26

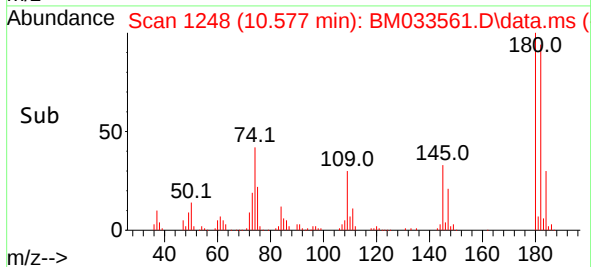
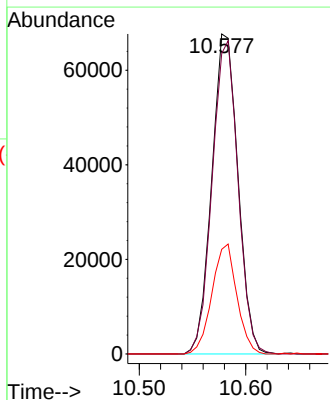
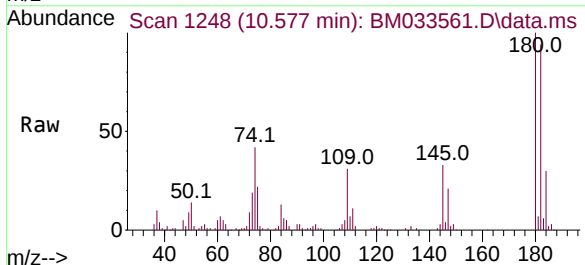
Tgt Ion:180 Resp: 115353

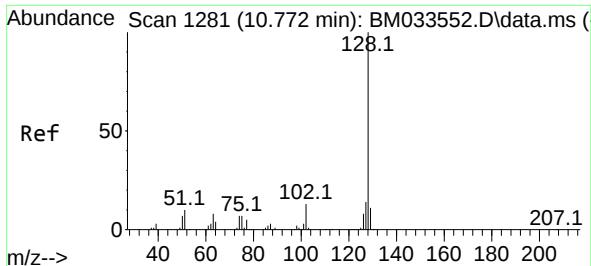
Ion Ratio Lower Upper

180 100

182 93.9 77.8 116.8

145 32.7 26.0 39.0

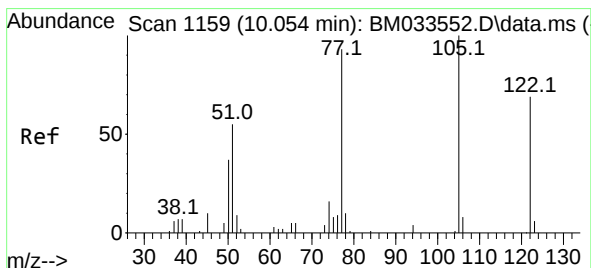
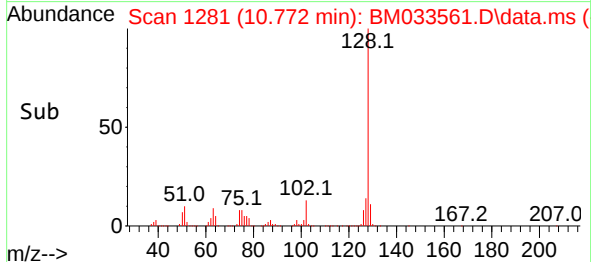
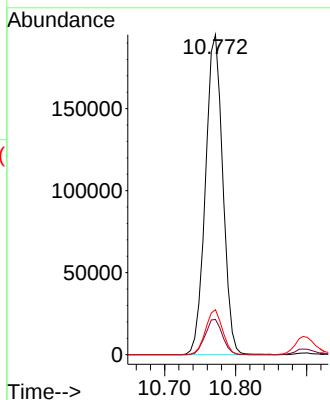
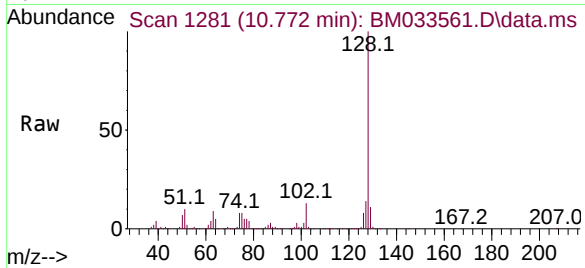




#31
Naphthalene
Concen: 55.886 ng
RT: 10.772 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

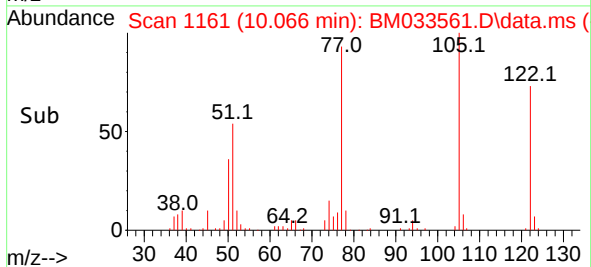
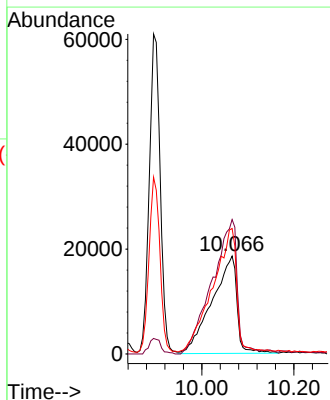
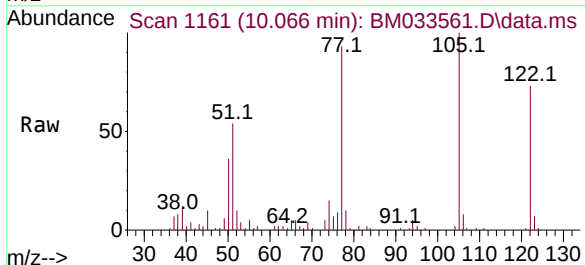
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

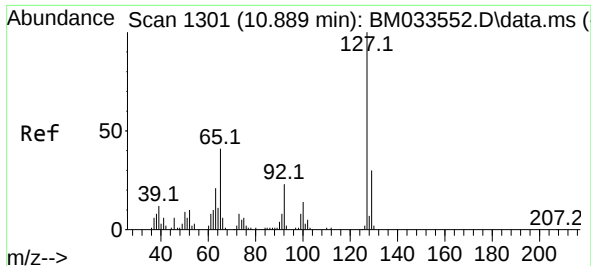
Tgt Ion:128 Resp: 330305
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 14.1 10.8 16.2



#32
Benzoic acid
Concen: 57.282 ng
RT: 10.066 min Scan# 1161
Delta R.T. 0.012 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:122 Resp: 69724
Ion Ratio Lower Upper
122 100
105 137.4 119.6 159.6
77 128.2 101.0 141.0

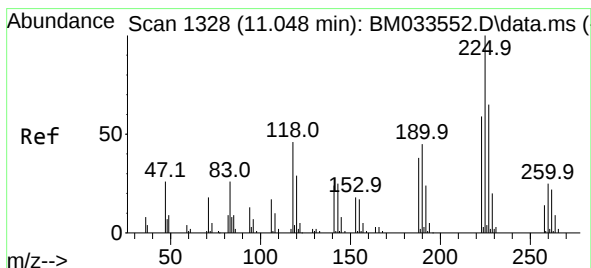
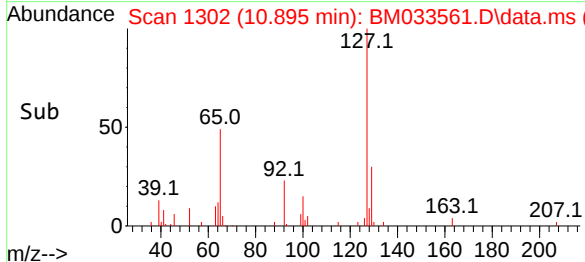
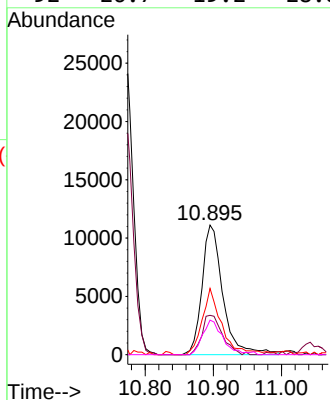
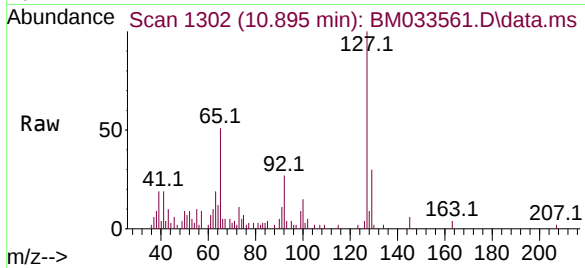




#33
4-Chloroaniline
Concen: 10.560 ng
RT: 10.895 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

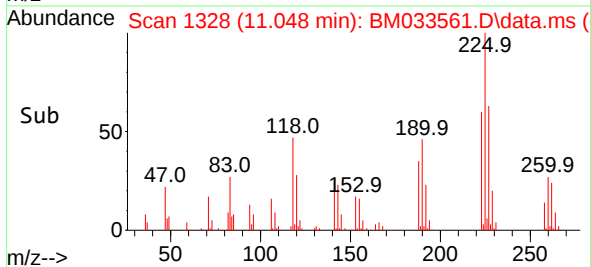
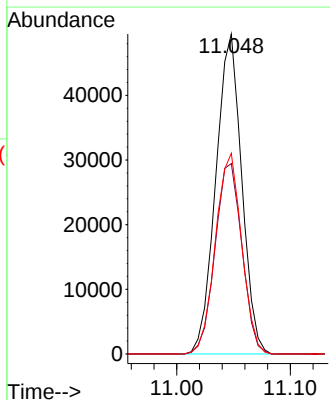
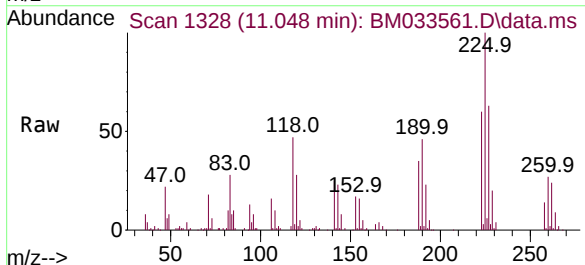
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

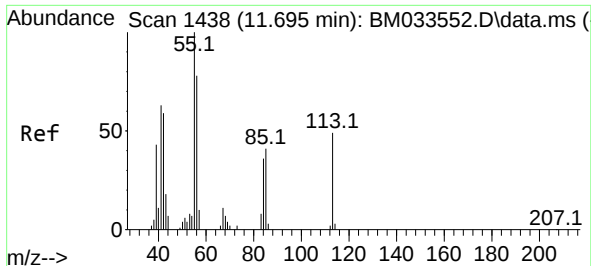
Tgt Ion:	127	Resp:	23719
Ion Ratio	Lower	Upper	
127	100		
129	30.4	26.2	39.4
65	51.2	33.0	49.6#
92	26.7	19.2	28.8



#34
Hexachlorobutadiene
Concen: 55.624 ng
RT: 11.048 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:	225	Resp:	78513
Ion Ratio	Lower	Upper	
225	100		
223	59.5	52.5	78.7
227	62.7	52.7	79.1

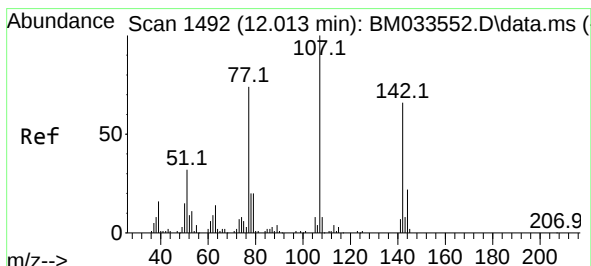
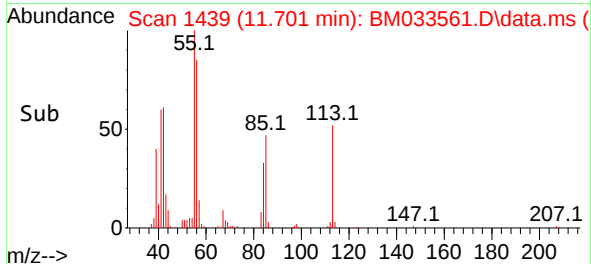
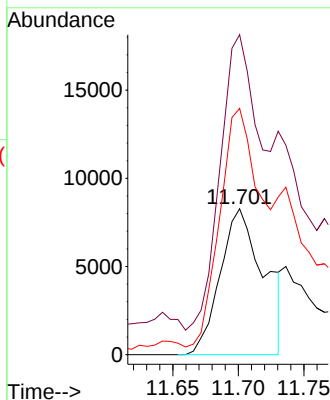
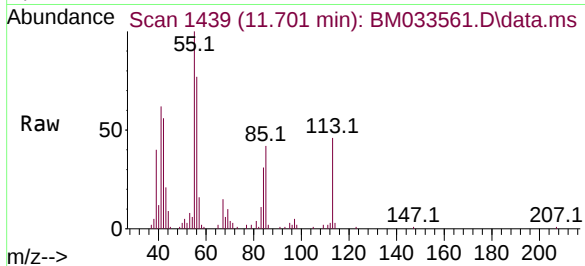




#35
Caprolactam
Concen: 52.544 ng
RT: 11.701 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

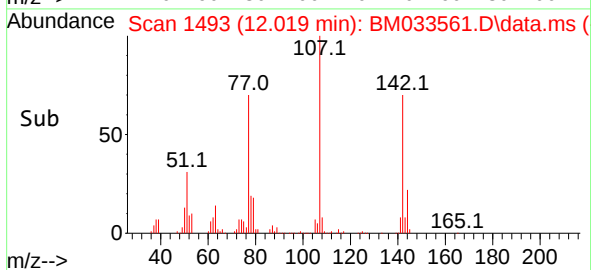
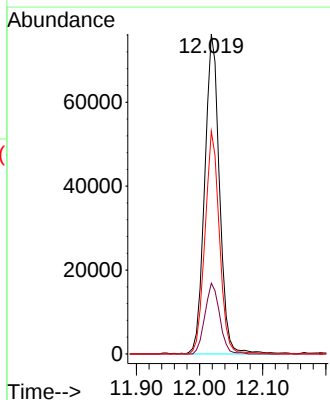
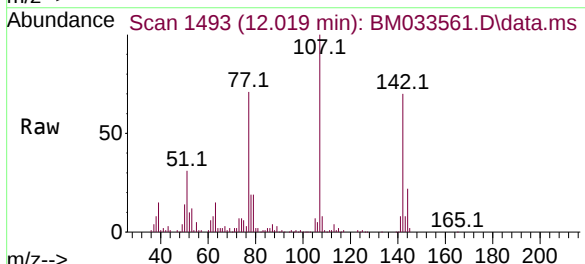
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

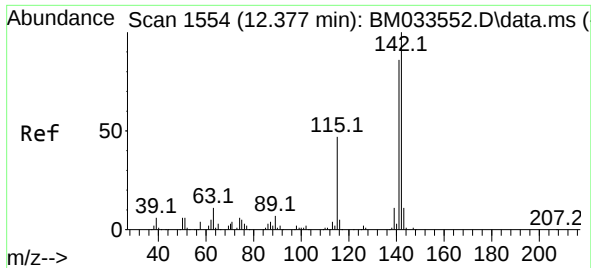
Tgt Ion	Ratio	Lower	Upper
113	100		
55	219.2	183.6	223.6
56	168.7	143.7	183.7



#36
4-Chloro-3-methylphenol
Concen: 55.330 ng
RT: 12.019 min Scan# 1493
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	18.6	27.8
142	69.6	56.9	85.3

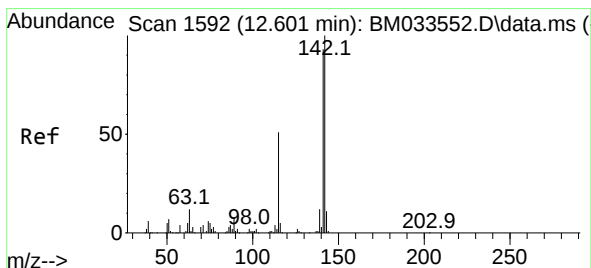
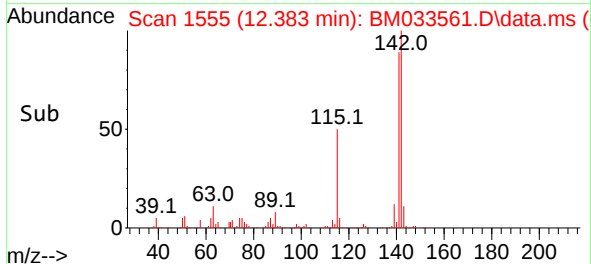
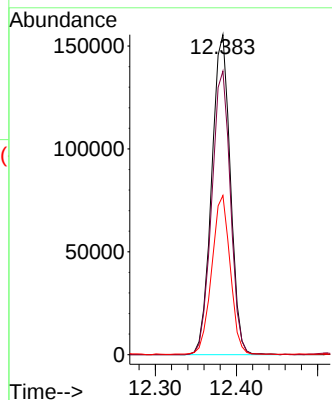
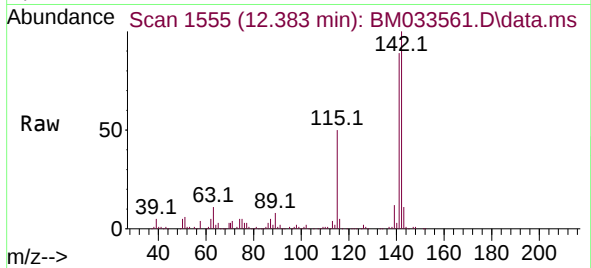




#37
2-Methylnaphthalene
Concen: 58.703 ng
RT: 12.383 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

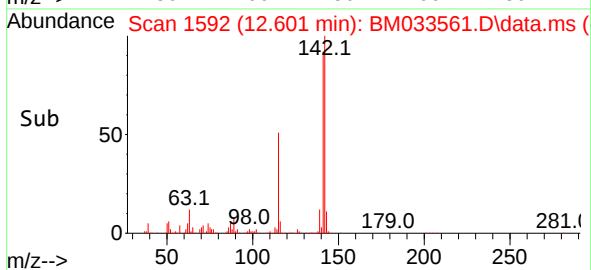
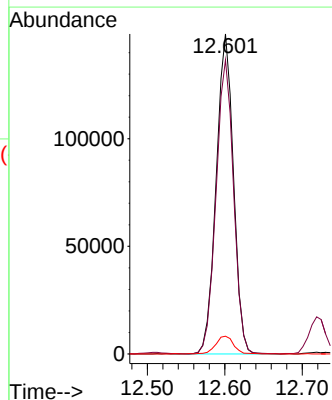
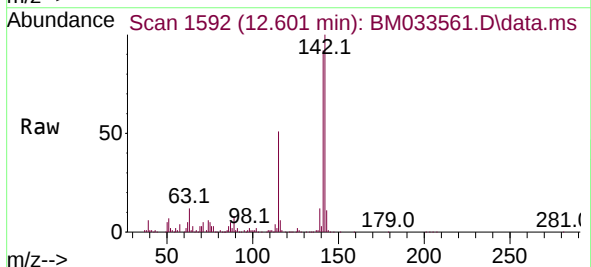
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

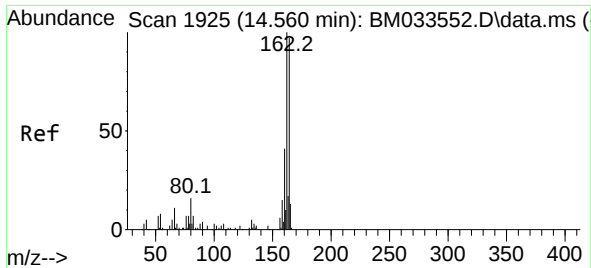
Tgt Ion:142 Resp: 248561
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2
115 49.8 33.0 49.6#



#38
1-Methylnaphthalene
Concen: 54.457 ng
RT: 12.601 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:142 Resp: 230431
Ion Ratio Lower Upper
142 100
141 91.9 75.0 112.4
116 5.6 3.5 5.3#

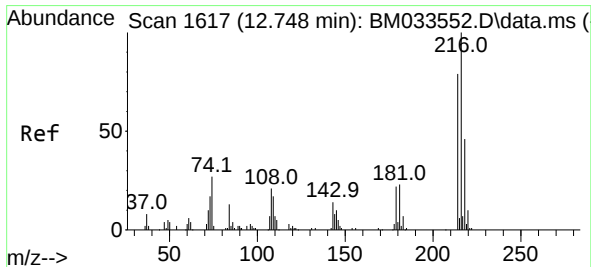
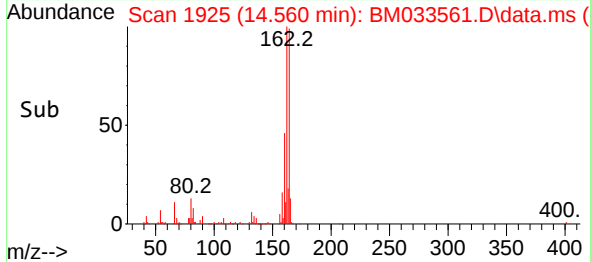
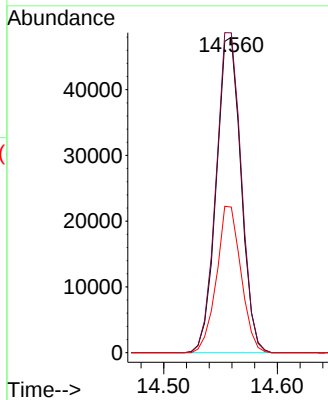
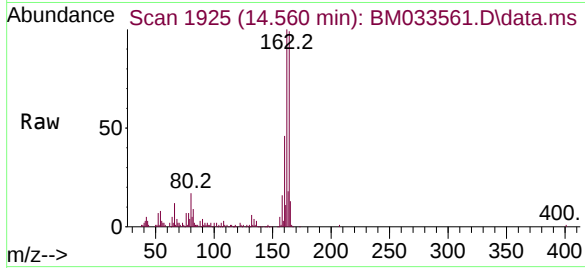




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

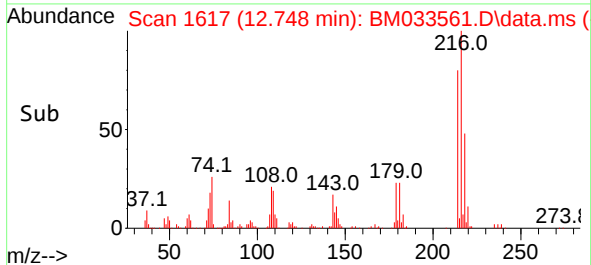
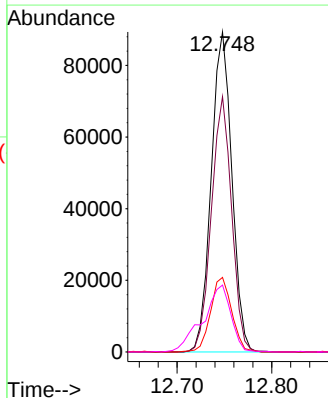
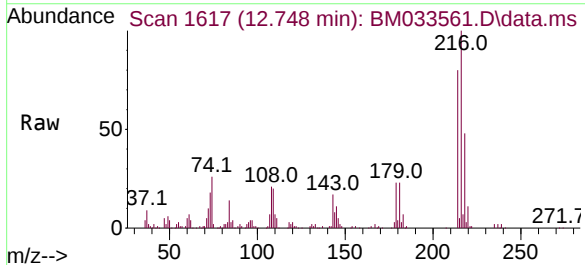
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

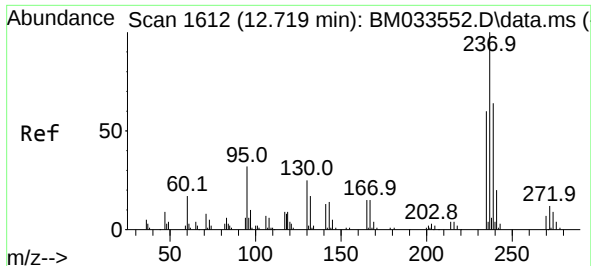
Tgt Ion:164 Resp: 72457
Ion Ratio Lower Upper
164 100
162 101.4 79.7 119.5
160 46.2 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 64.937 ng
RT: 12.748 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:216 Resp: 135192
Ion Ratio Lower Upper
216 100
214 78.2 62.6 93.8
179 24.0 18.2 27.2
108 28.7 18.0 27.0#

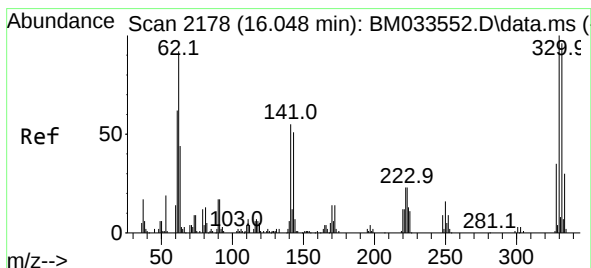
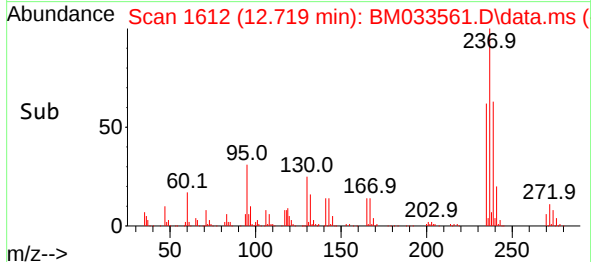
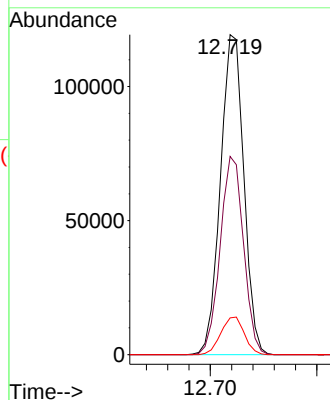
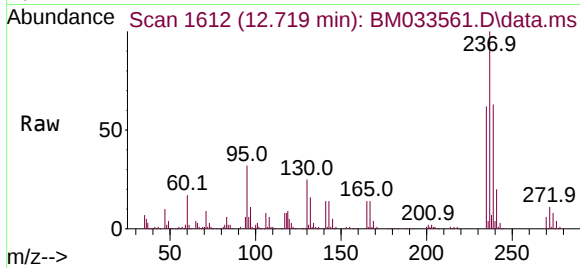




#41
Hexachlorocyclopentadiene
Concen: 157.038 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

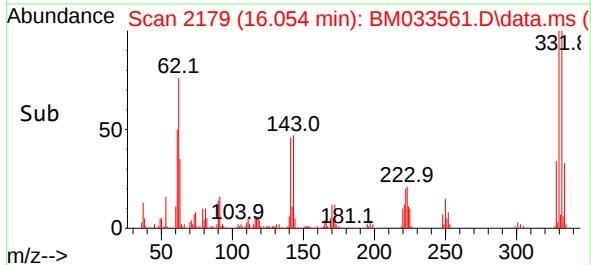
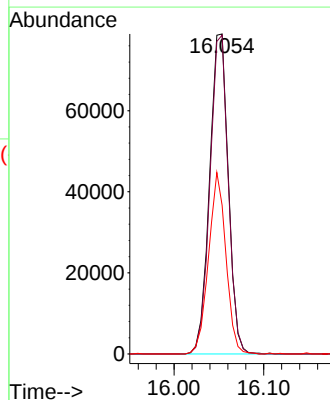
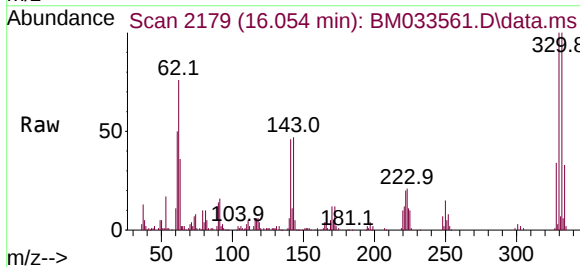
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

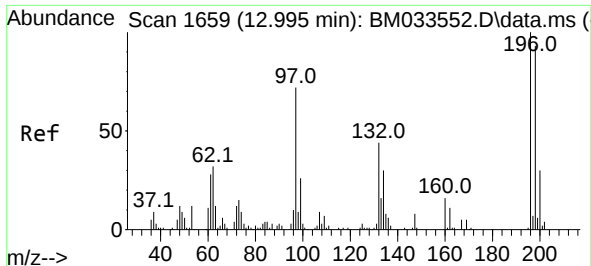
Tgt Ion:237 Resp: 181711
Ion Ratio Lower Upper
237 100
235 62.0 41.7 81.7
272 11.5 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 128.041 ng
RT: 16.054 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:330 Resp: 114237
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 52.6 35.9 53.9

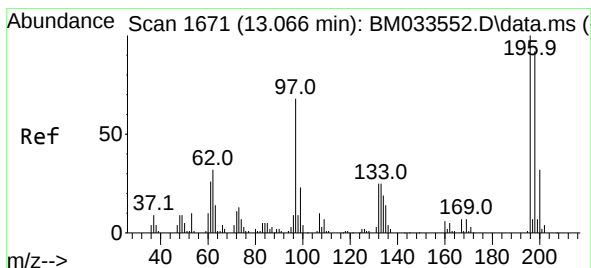
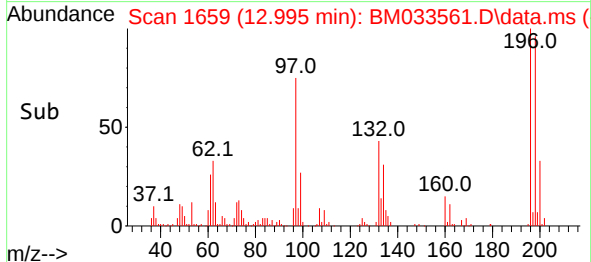
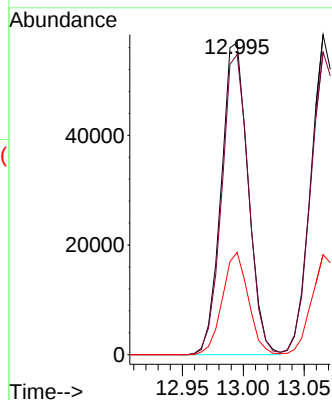
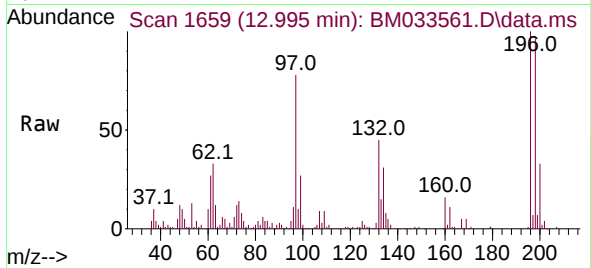




#43
2,4,6-Trichlorophenol
Concen: 59.804 ng
RT: 12.995 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

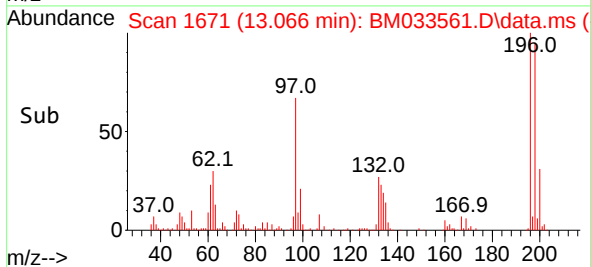
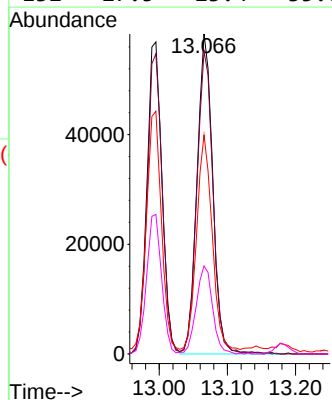
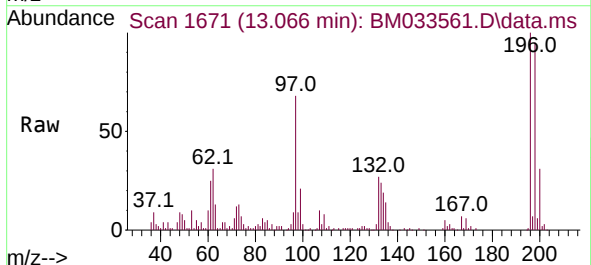
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

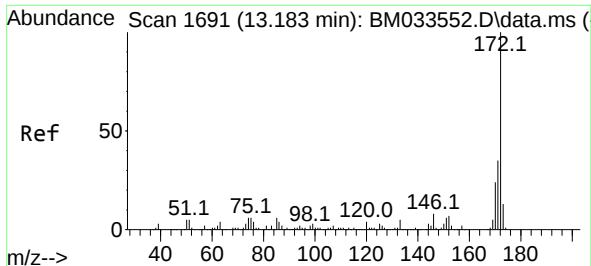
Tgt Ion:196 Resp: 87624
Ion Ratio Lower Upper
196 100
198 96.2 75.1 112.7
200 32.8 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 60.010 ng
RT: 13.066 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:196 Resp: 93344
Ion Ratio Lower Upper
196 100
198 94.6 77.8 116.6
97 68.4 49.7 74.5
132 27.5 23.4 35.0

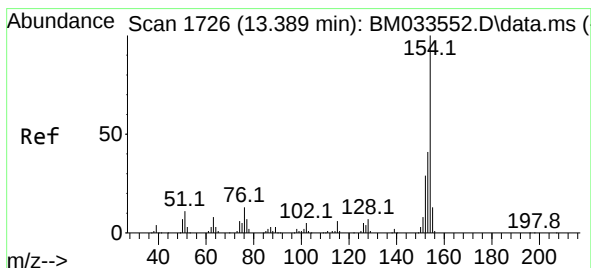
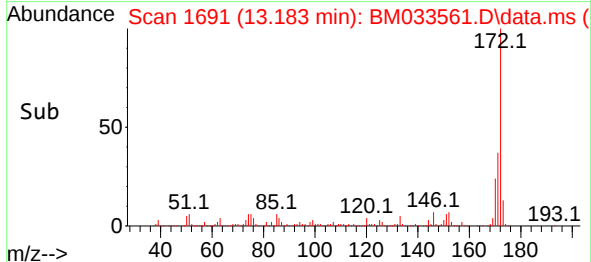
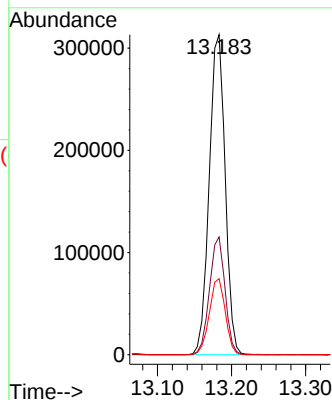
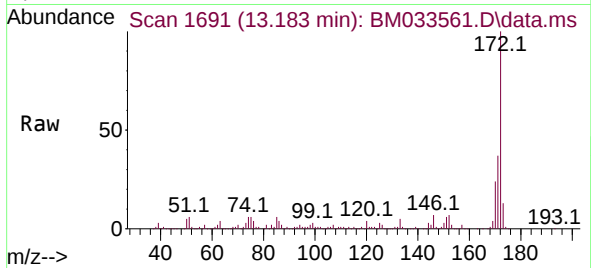




#45
2-Fluorobiphenyl
Concen: 91.065 ng
RT: 13.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

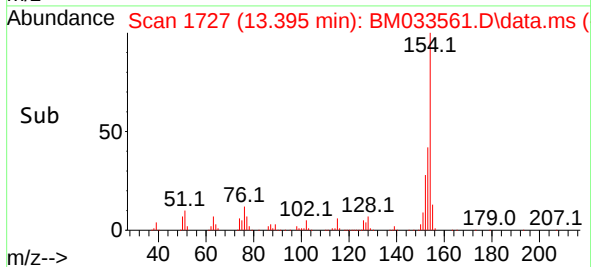
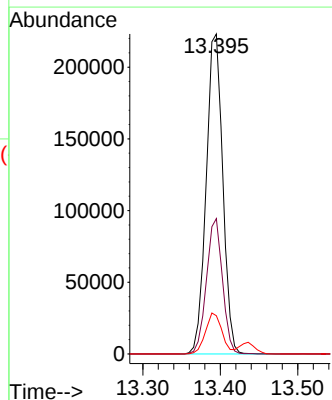
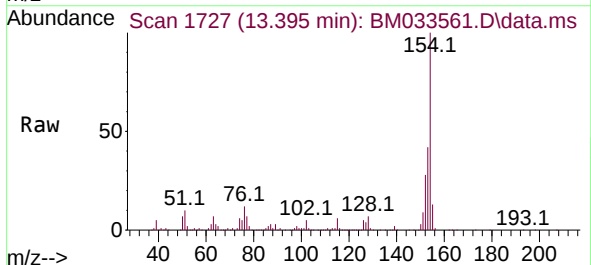
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

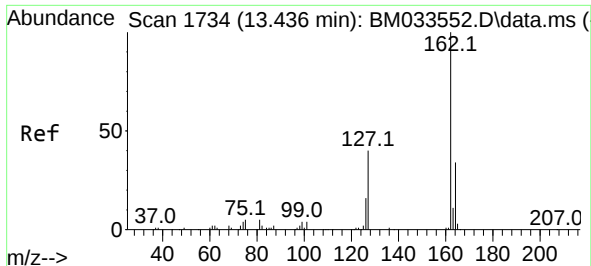
Tgt Ion:172 Resp: 468004
Ion Ratio Lower Upper
172 100
171 36.8 27.2 40.8
170 23.8 18.7 28.1



#46
1,1'-Biphenyl
Concen: 62.221 ng
RT: 13.395 min Scan# 1727
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:154 Resp: 330825
Ion Ratio Lower Upper
154 100
153 42.3 20.7 60.7
76 12.0 0.0 34.4

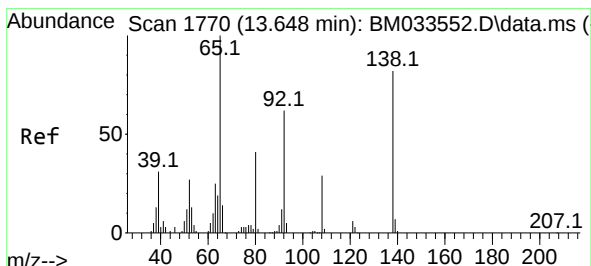
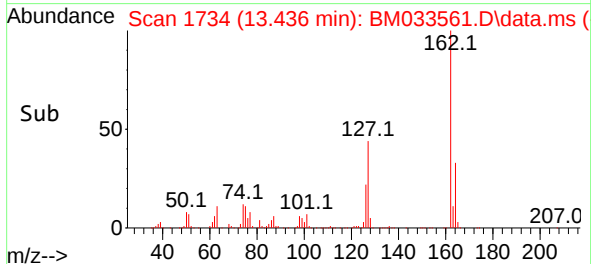
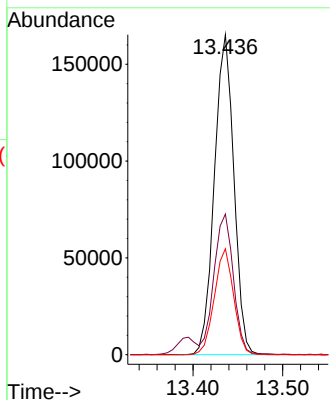
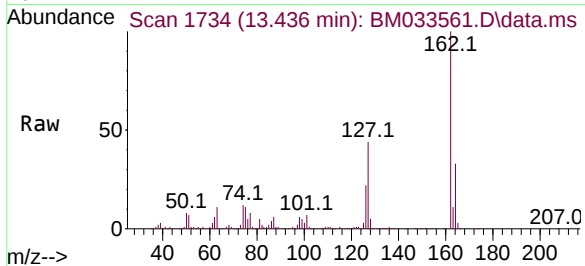




#47
2-Chloronaphthalene
Concen: 60.417 ng
RT: 13.436 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

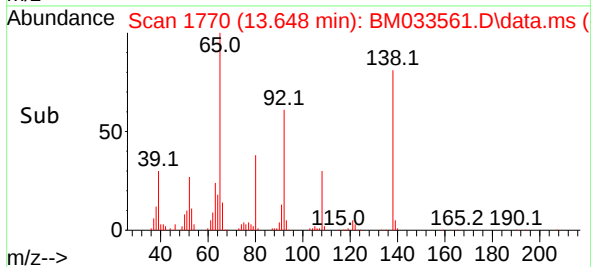
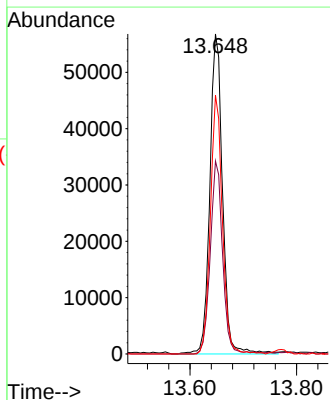
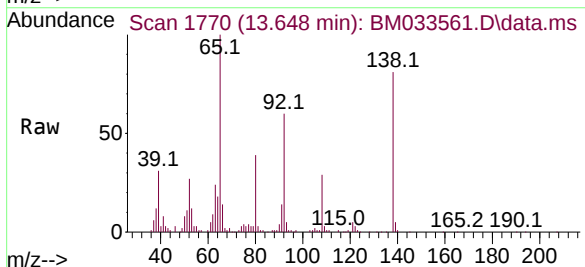
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

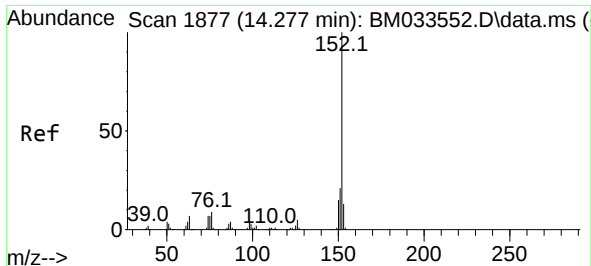
Tgt Ion:	162	Resp:	249209
Ion Ratio	Lower	Upper	
162	100		
127	44.0	33.8	50.6
164	33.1	26.2	39.4



#48
2-Nitroaniline
Concen: 59.721 ng
RT: 13.648 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:	65	Resp:	94104
Ion Ratio	Lower	Upper	
65	100		
92	60.3	50.0	75.0
138	80.9	65.7	98.5

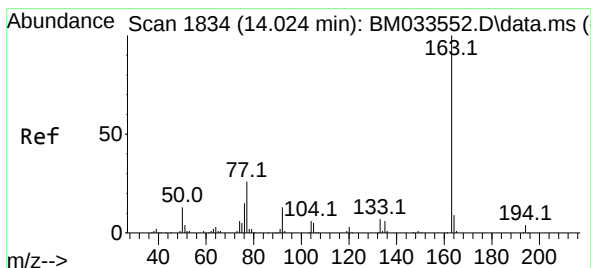
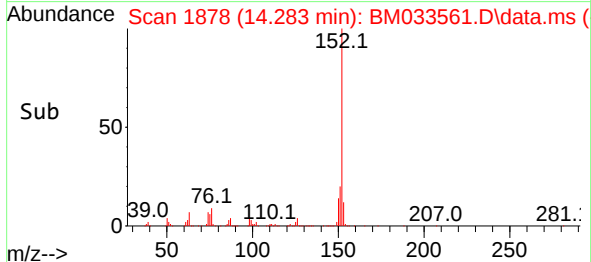
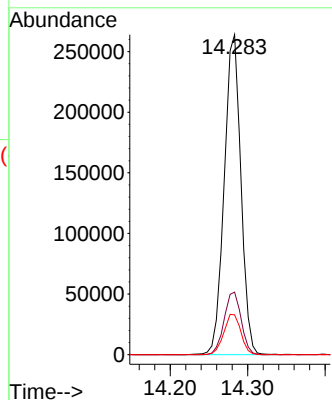
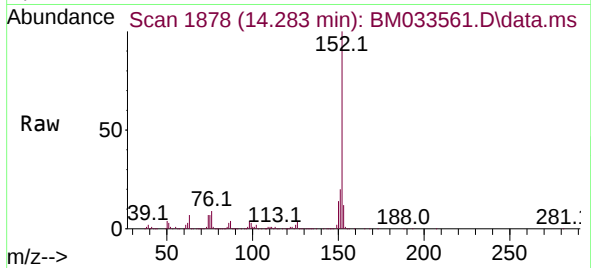




#49
Acenaphthylene
Concen: 59.720 ng
RT: 14.283 min Scan# 1878
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

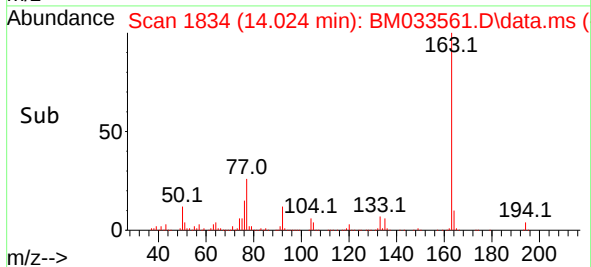
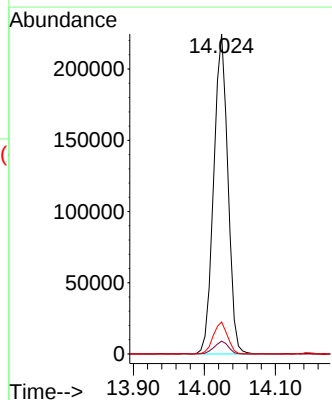
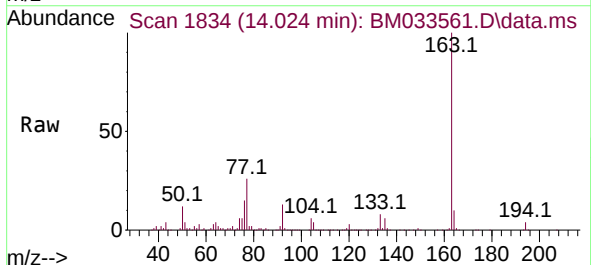
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

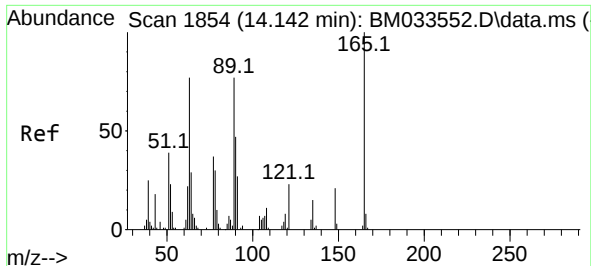
Tgt Ion:152 Resp: 394523
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 12.5 10.4 15.6



#50
Dimethylphthalate
Concen: 55.688 ng
RT: 14.024 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:163 Resp: 311043
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.6 12.8

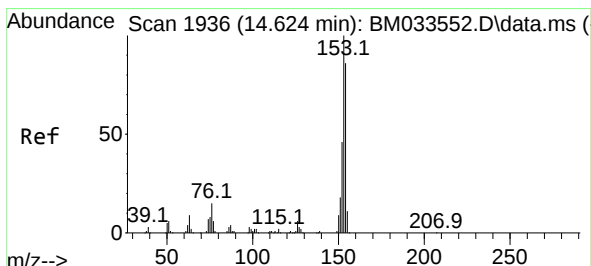
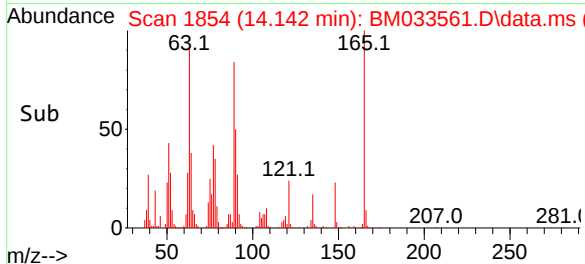
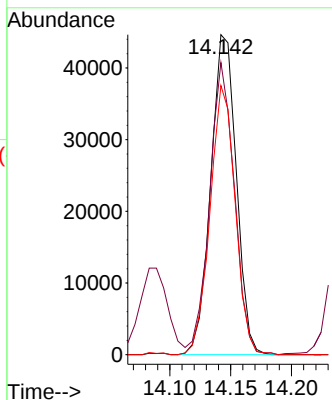
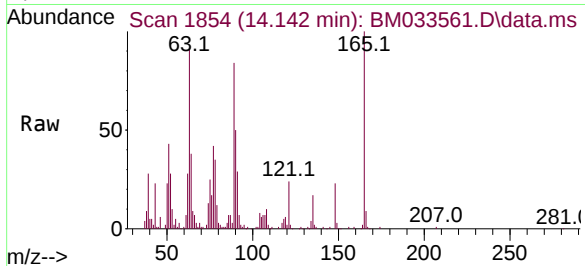




#51
2,6-Dinitrotoluene
Concen: 58.485 ng
RT: 14.142 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

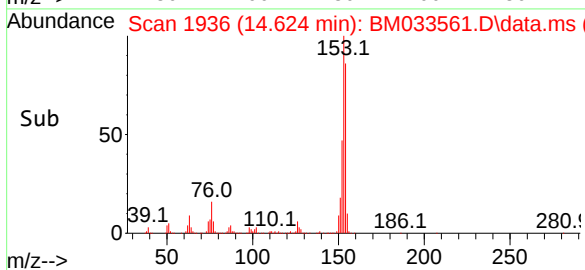
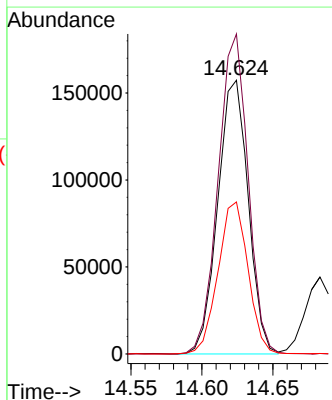
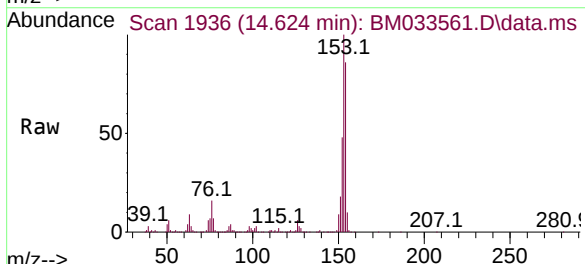
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

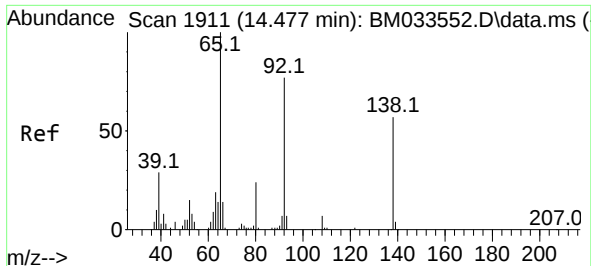
Tgt Ion:165 Resp: 65210
Ion Ratio Lower Upper
165 100
63 91.3 56.9 85.3#
89 84.1 54.3 81.5#



#52
Acenaphthene
Concen: 59.195 ng
RT: 14.624 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:154 Resp: 234928
Ion Ratio Lower Upper
154 100
153 116.9 90.2 135.4
152 55.5 43.5 65.3

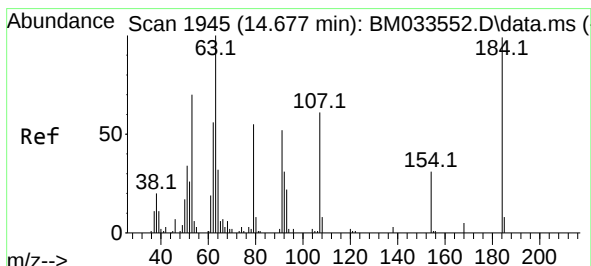
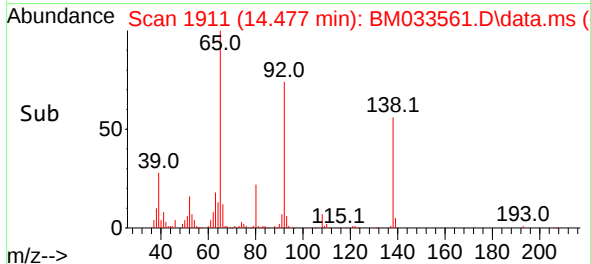
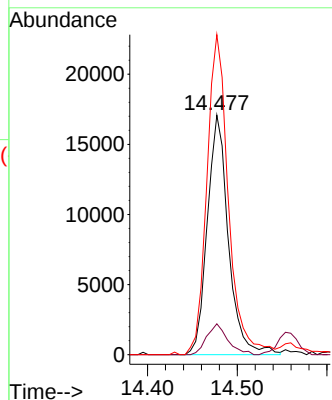
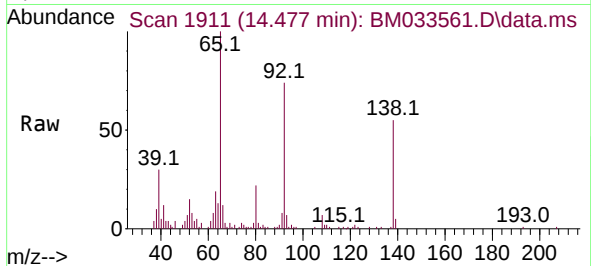




#53
3-Nitroaniline
Concen: 25.506 ng
RT: 14.477 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

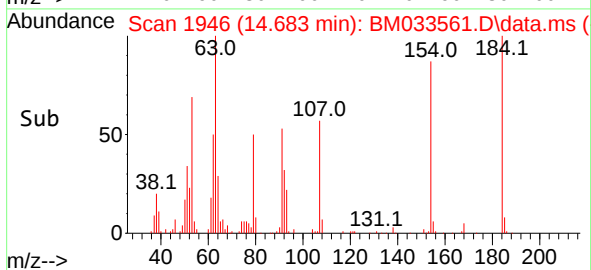
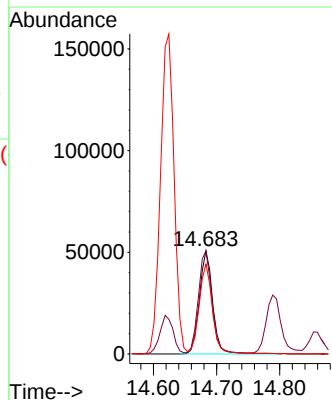
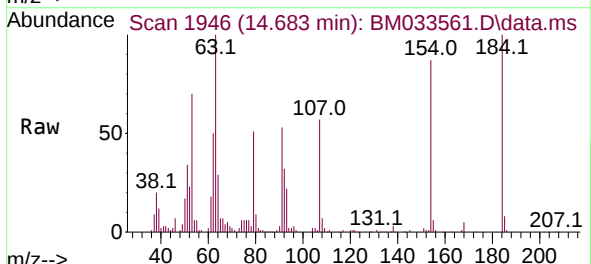
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

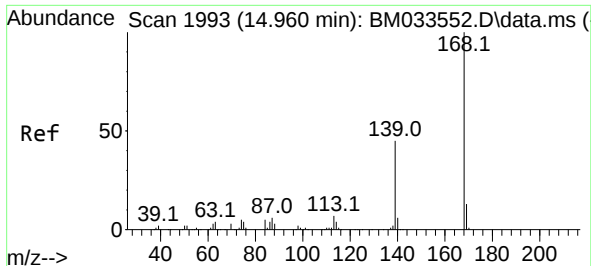
Tgt Ion:138 Resp: 27928
Ion Ratio Lower Upper
138 100
108 12.9 9.5 14.3
92 133.6 106.6 159.8



#54
2,4-Dinitrophenol
Concen: 107.075 ng
RT: 14.683 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:184 Resp: 74301
Ion Ratio Lower Upper
184 100
63 99.9 71.8 107.6
154 87.2 55.7 83.5#

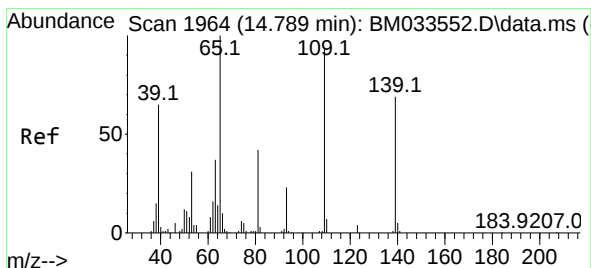
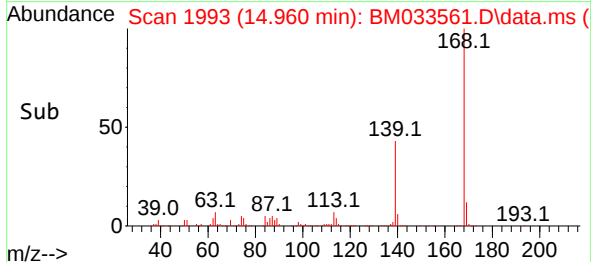
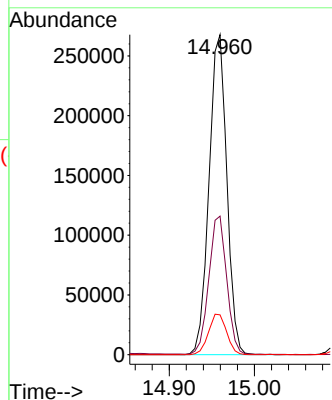
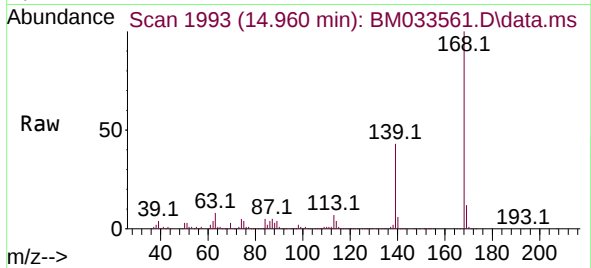




#55
Dibenzofuran
Concen: 57.097 ng
RT: 14.960 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

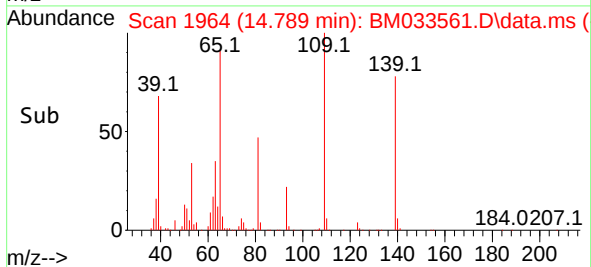
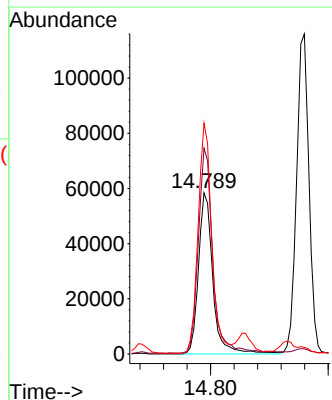
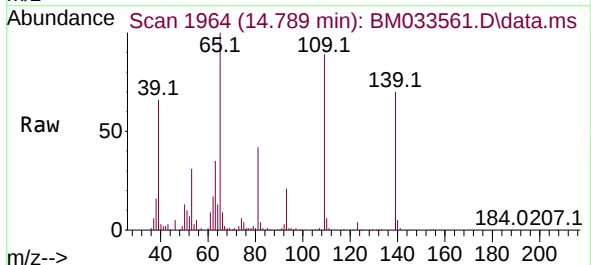
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

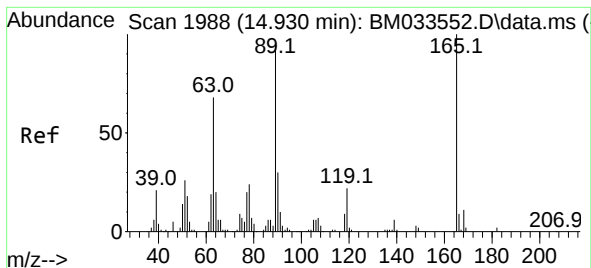
Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.3	31.4	47.2
169	12.4	10.6	15.8



#56
4-Nitrophenol
Concen: 117.664 ng
RT: 14.789 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	127.7	75.3	115.3
65	143.3	107.4	147.4

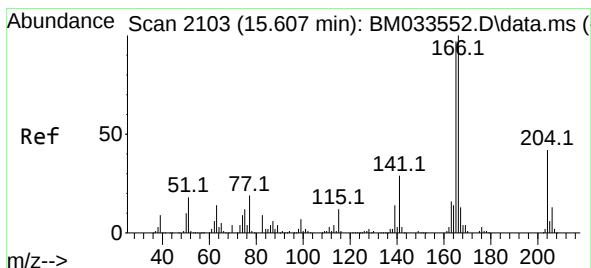
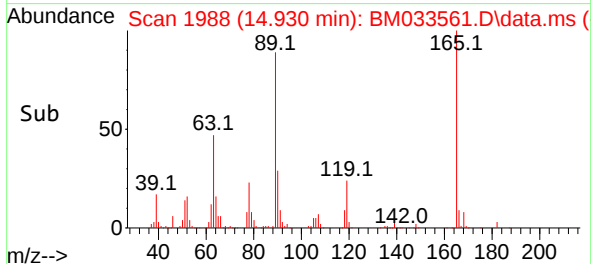
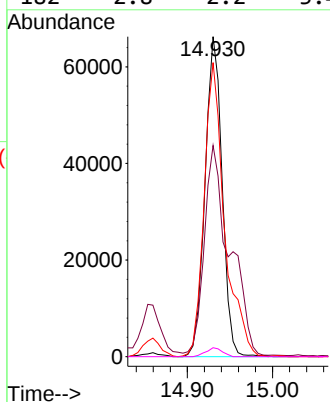
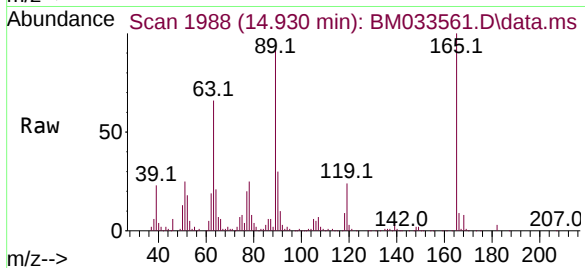




#57
2,4-Dinitrotoluene
Concen: 59.301 ng
RT: 14.930 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

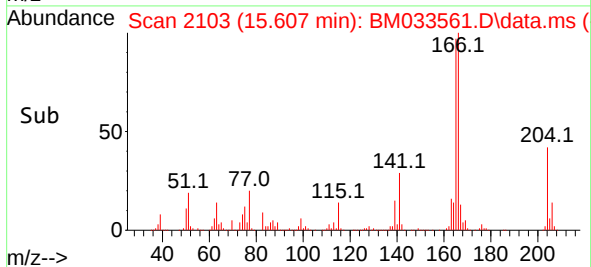
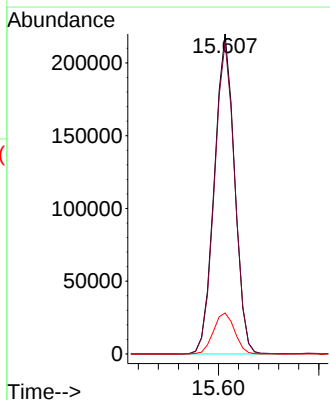
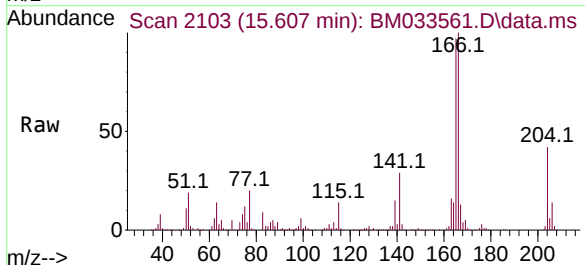
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

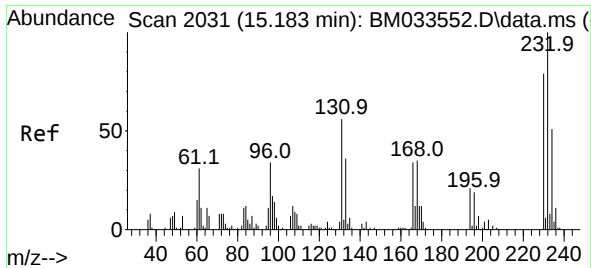
Tgt Ion:	165	Resp:	92291
Ion Ratio	Lower	Upper	
165	100		
63	66.0	46.2	69.4
89	91.9	72.0	108.0
182	2.8	2.2	3.4



#58
Fluorene
Concen: 56.056 ng
RT: 15.607 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:	166	Resp:	307093
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.1	117.1
167	12.8	10.6	15.8

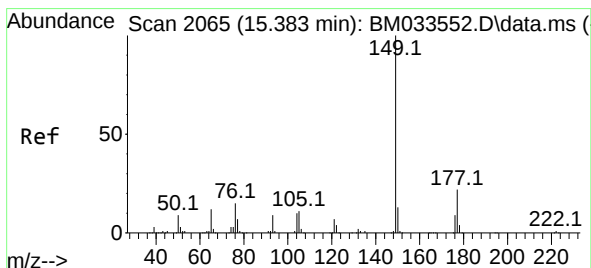
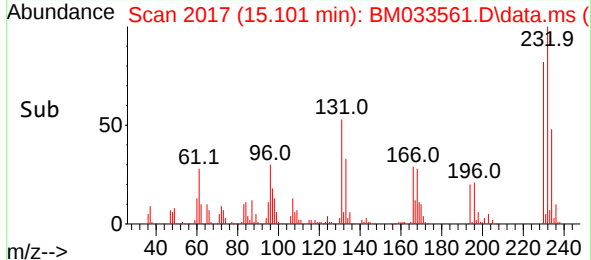
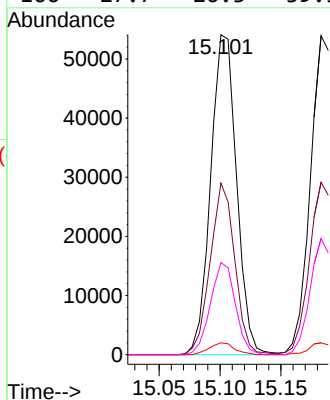
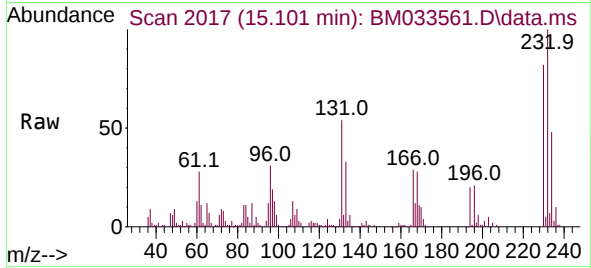




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.087 ng
RT: 15.101 min Scan# 2031
Delta R.T. -0.082 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

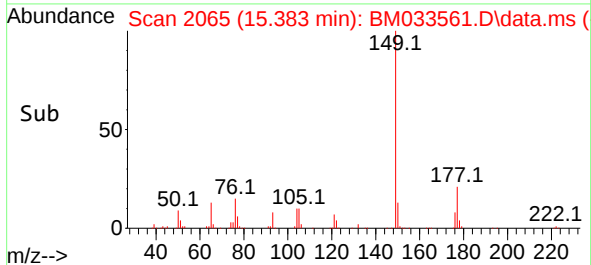
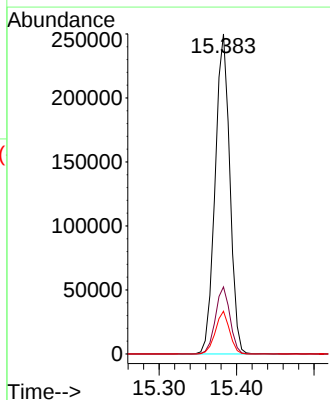
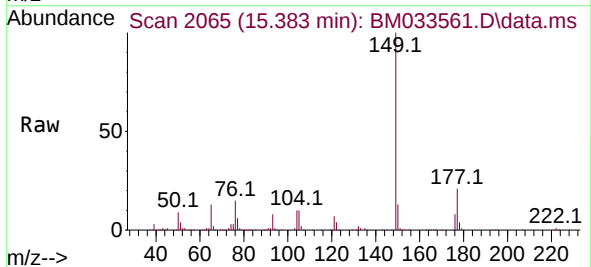
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

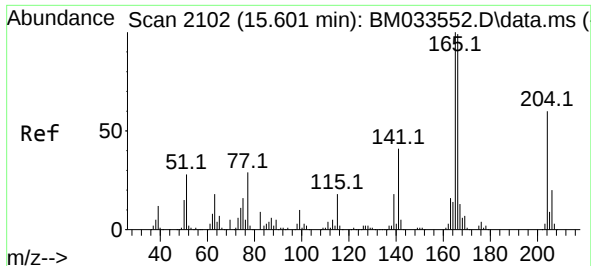
Tgt Ion:232	Resp:	80081
Ion Ratio	Lower	Upper
232	100	
131	50.9	41.4 62.0
130	3.6	2.4 3.6
166	27.7	26.3 39.5



#60
Diethylphthalate
Concen: 54.548 ng
RT: 15.383 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:149	Resp:	328738
Ion Ratio	Lower	Upper
149	100	
177	21.0	17.5 26.3
150	13.3	10.3 15.5

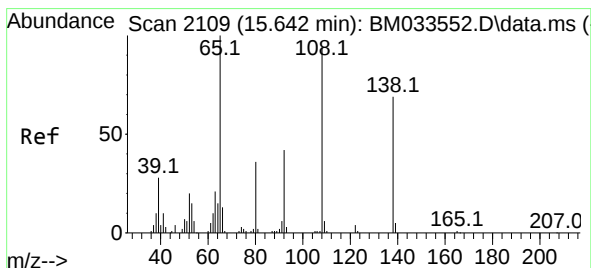
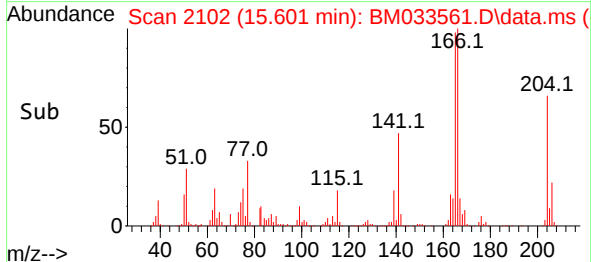
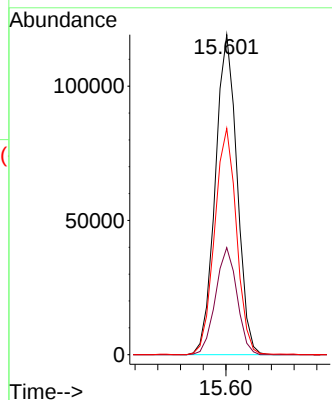
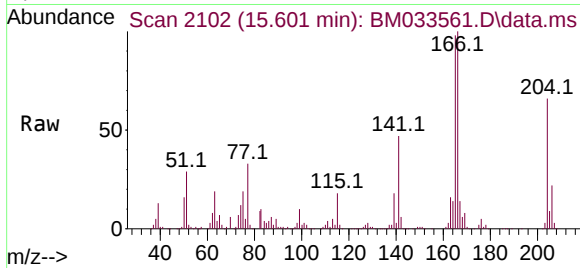




#61
4-Chlorophenyl-phenylether
Concen: 54.872 ng
RT: 15.601 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

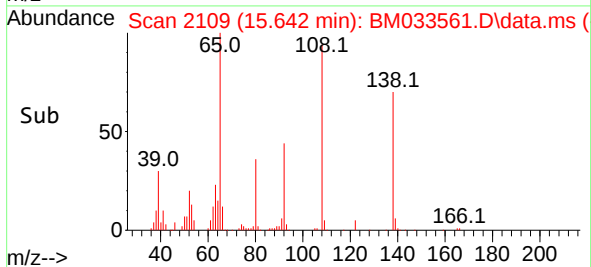
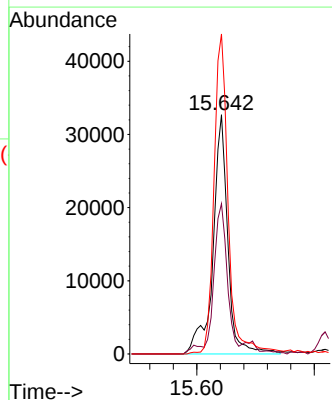
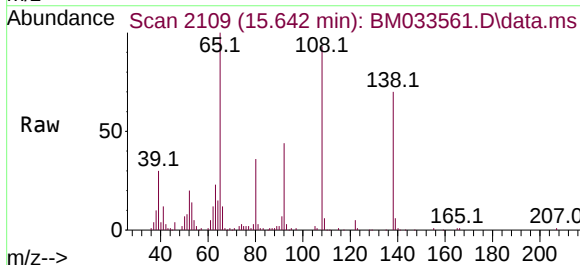
Instrument :
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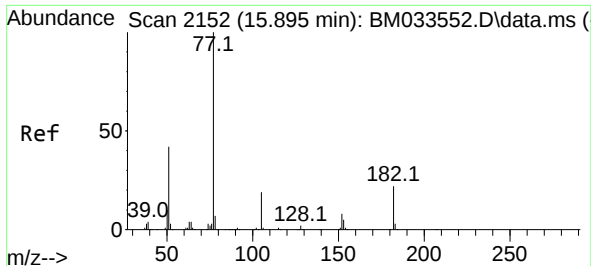
Tgt Ion:204 Resp: 158463
Ion Ratio Lower Upper
204 100
206 33.5 25.4 38.2
141 70.7 50.6 76.0



#62
4-Nitroaniline
Concen: 50.724 ng
RT: 15.642 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:138 Resp: 57229
Ion Ratio Lower Upper
138 100
92 62.8 38.7 78.7
108 133.8 81.9 121.9#

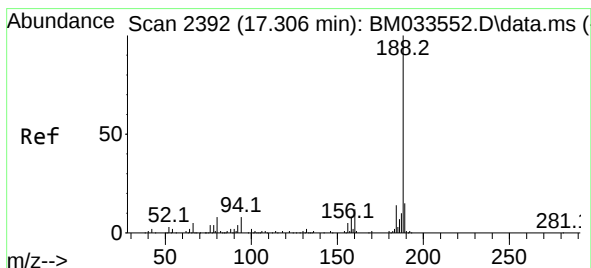
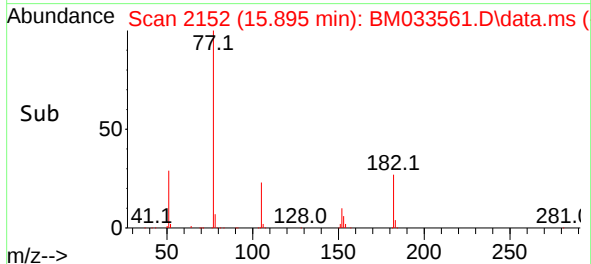
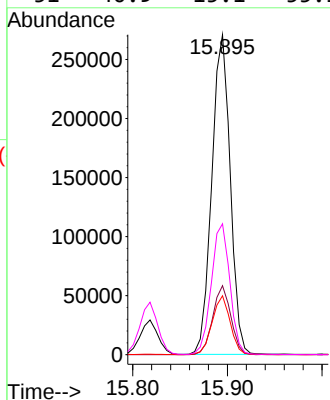
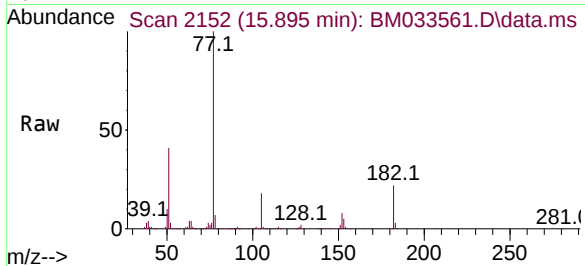




#63
Azobenzene
Concen: 54.952 ng
RT: 15.895 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

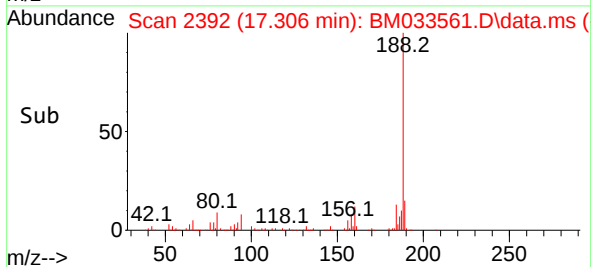
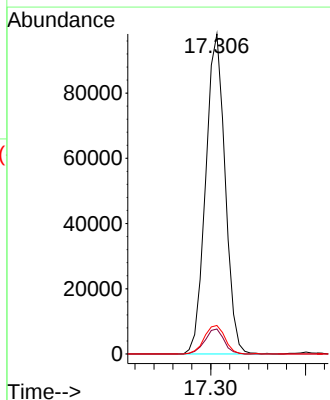
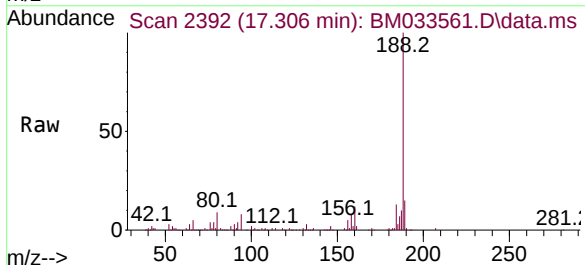
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

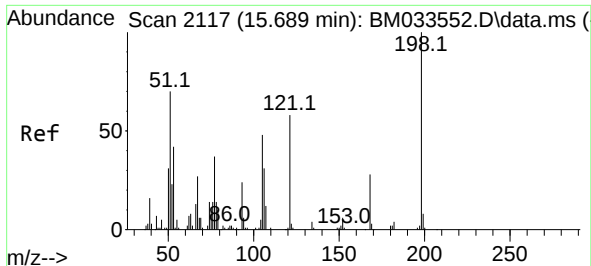
Tgt Ion: 77	Resp: 365458
Ion Ratio	Lower Upper
77 100	
182 21.6	0.3 40.3
105 18.4	0.0 38.3
51 40.9	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:188	Resp: 139279
Ion Ratio	Lower Upper
188 100	
94 7.8	7.5 11.3
80 8.9	8.9 13.3

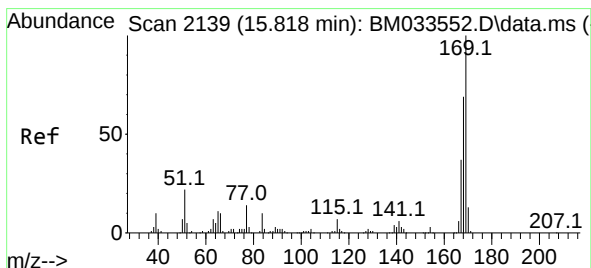
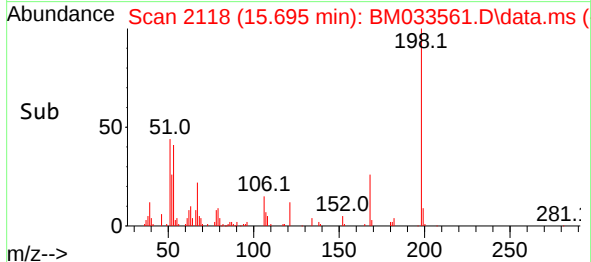
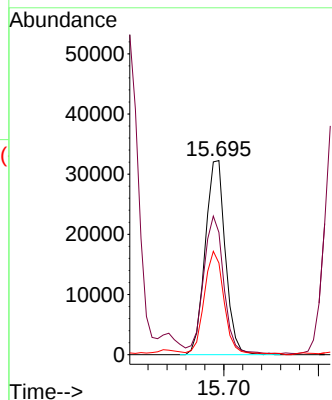
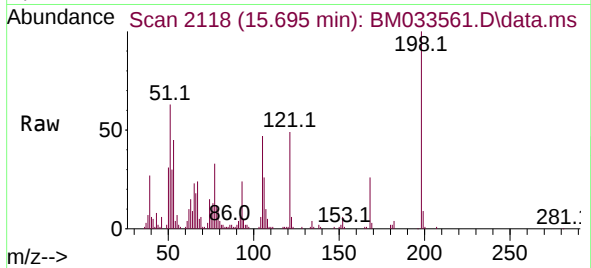




#65
4,6-Dinitro-2-methylphenol
Concen: 51.252 ng
RT: 15.695 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

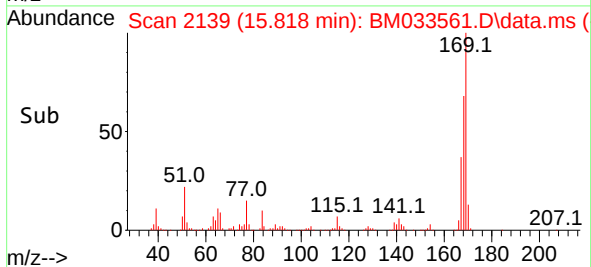
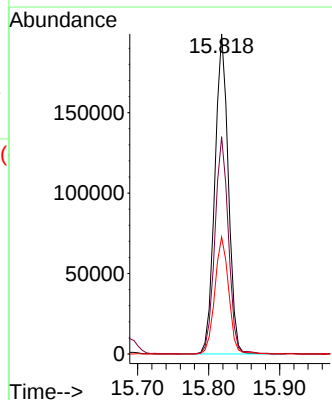
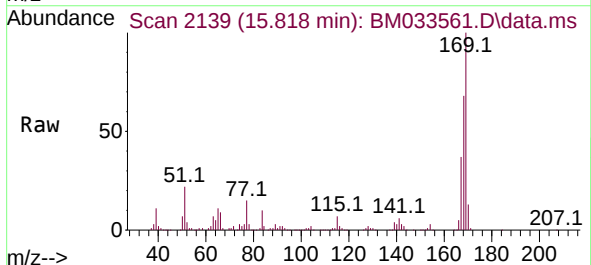
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

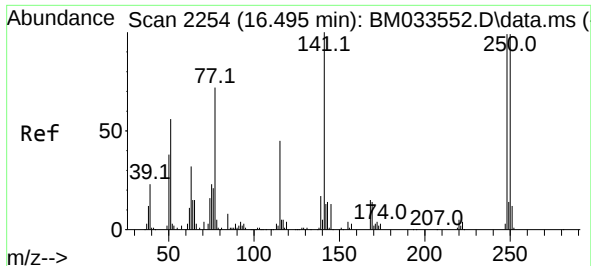
Tgt Ion:198 Resp: 47641
Ion Ratio Lower Upper
198 100
51 63.0 47.9 87.9
105 47.3 32.6 72.6



#66
n-Nitrosodiphenylamine
Concen: 63.383 ng
RT: 15.818 min Scan# 2139
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:169 Resp: 261835
Ion Ratio Lower Upper
169 100
168 67.9 52.5 78.7
167 36.6 28.4 42.6

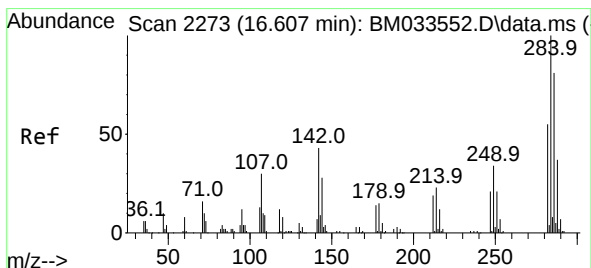
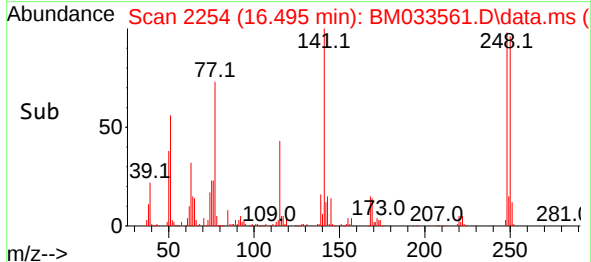
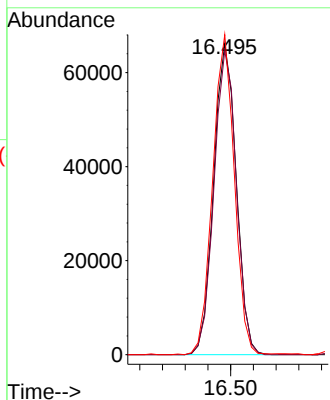
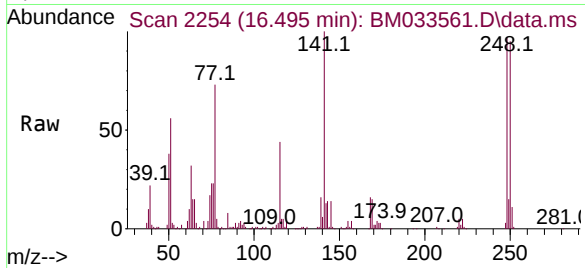




#67
4-Bromophenyl-phenylether
Concen: 60.666 ng
RT: 16.495 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

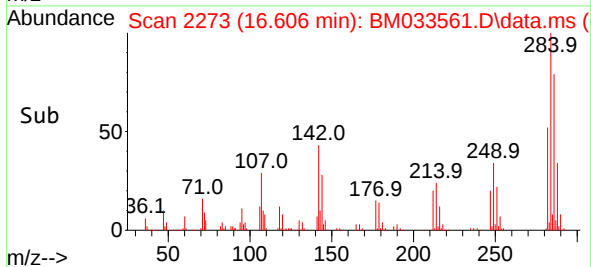
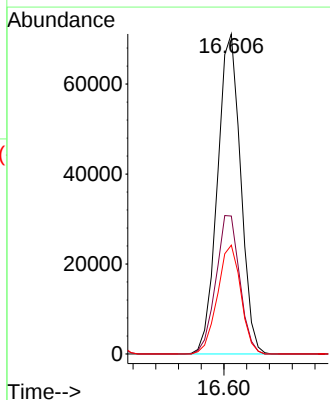
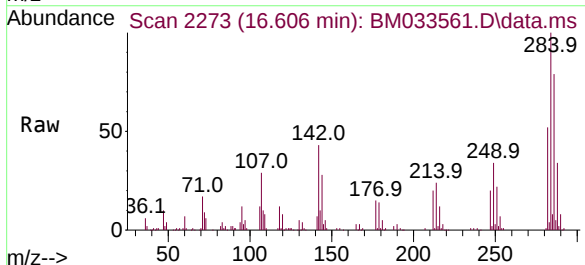
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

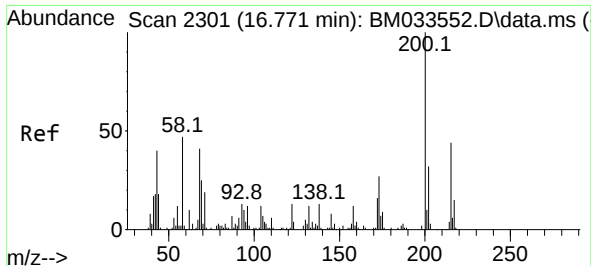
Tgt Ion:248 Resp: 91193
Ion Ratio Lower Upper
248 100
250 97.7 78.2 117.2
141 102.9 65.4 98.2#



#68
Hexachlorobenzene
Concen: 62.141 ng
RT: 16.606 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:284 Resp: 100766
Ion Ratio Lower Upper
284 100
142 43.1 33.1 49.7
249 34.0 27.3 40.9

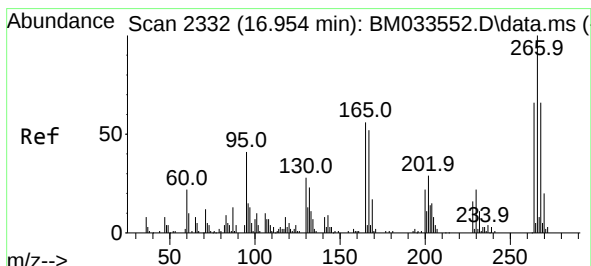
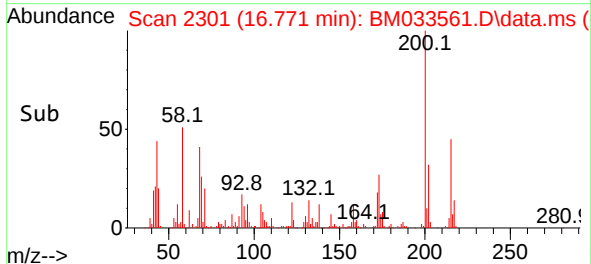
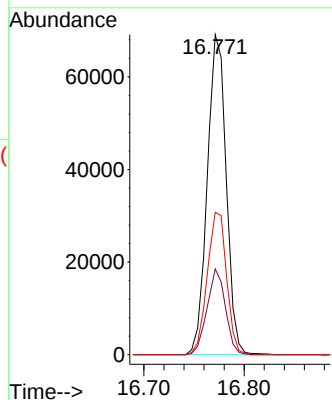
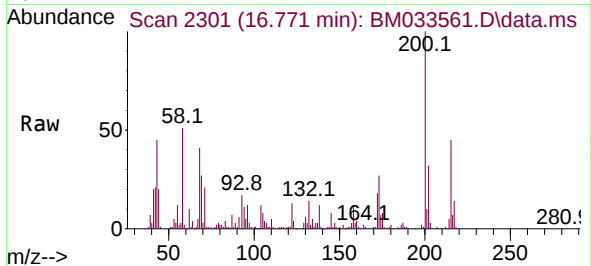




#69
 Atrazine
 Concen: 97.990 ng
 RT: 16.771 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033561.D
 Acq: 21 Dec 2021 19:26

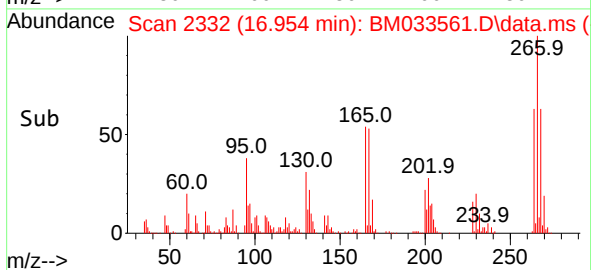
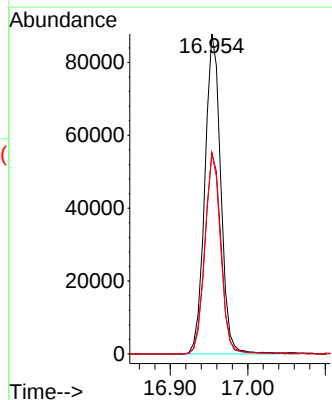
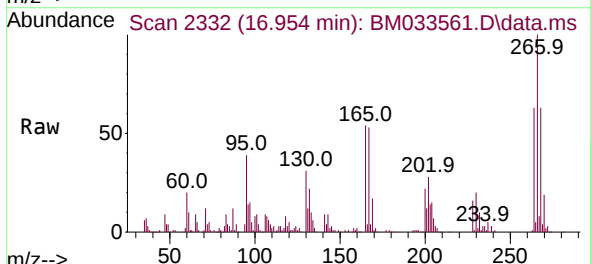
Instrument :
 BNA_M
 ClientSampleId :
 HB-2-(20-25)-12-17-21MS

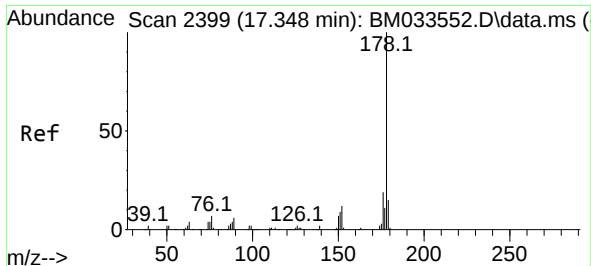
Tgt Ion:200 Resp: 90920
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.3 47.3
 215 44.5 25.7 65.7



#70
 Pentachlorophenol
 Concen: 126.240 ng
 RT: 16.954 min Scan# 2332
 Delta R.T. -0.000 min
 Lab File: BM033561.D
 Acq: 21 Dec 2021 19:26

Tgt Ion:266 Resp: 124982
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.1 75.1
 264 62.7 49.1 73.7

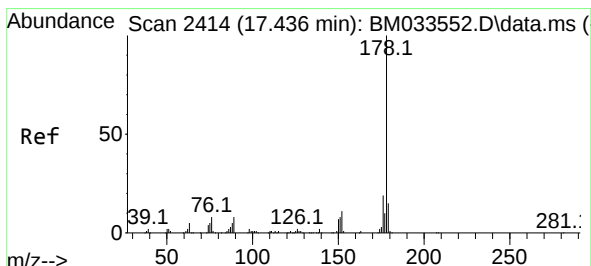
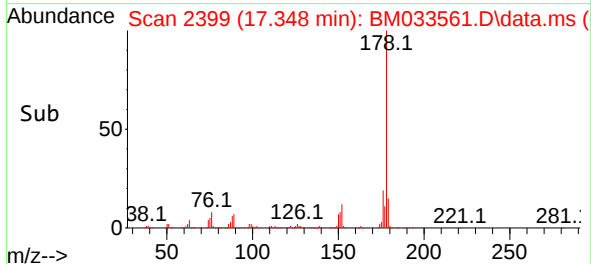
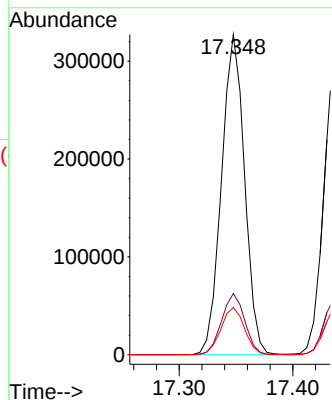
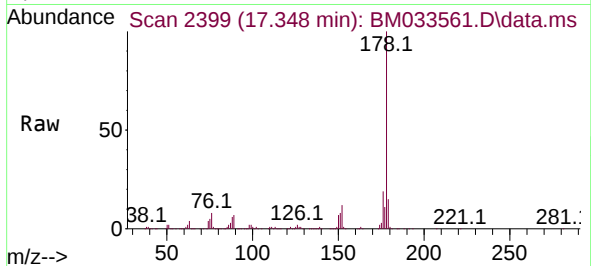




#71
Phenanthrene
Concen: 60.007 ng
RT: 17.348 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

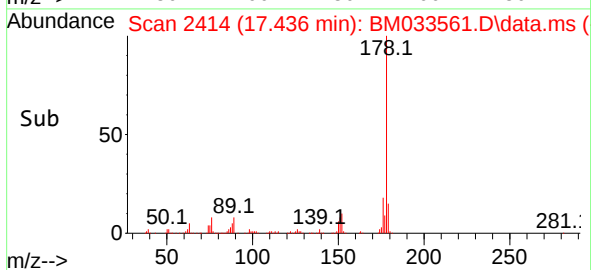
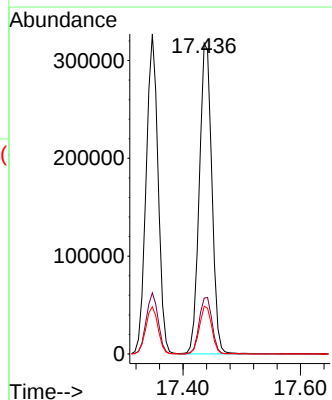
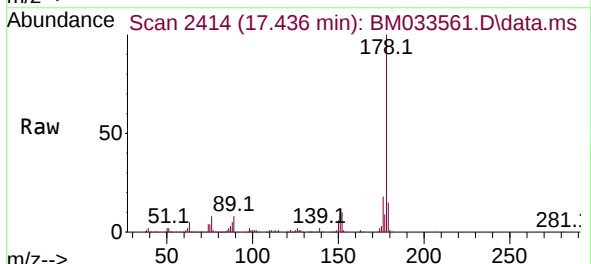
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

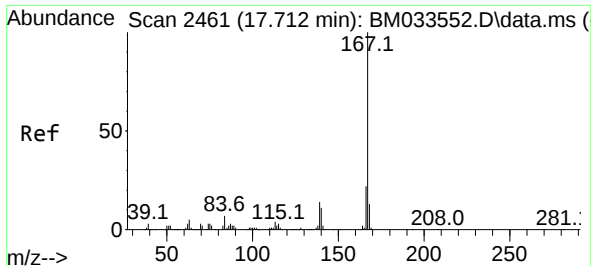
Tgt Ion:178 Resp: 461093
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 14.8 12.0 18.0



#72
Anthracene
Concen: 62.175 ng
RT: 17.436 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:178 Resp: 469920
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 15.3 11.9 17.9

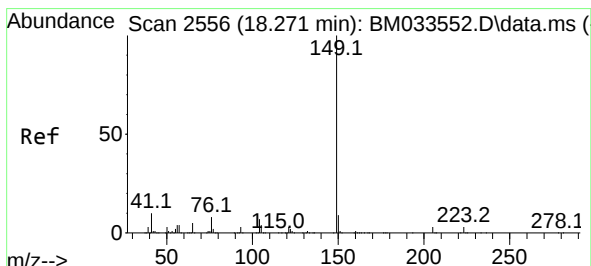
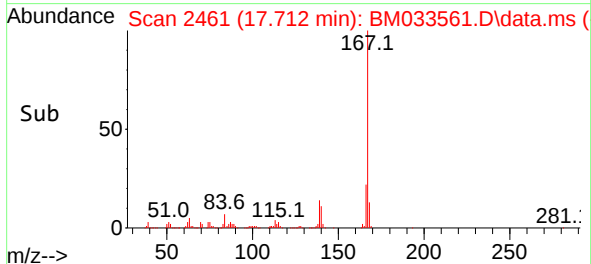
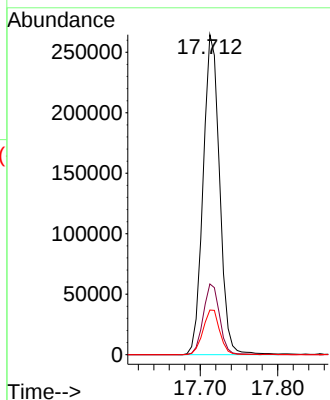
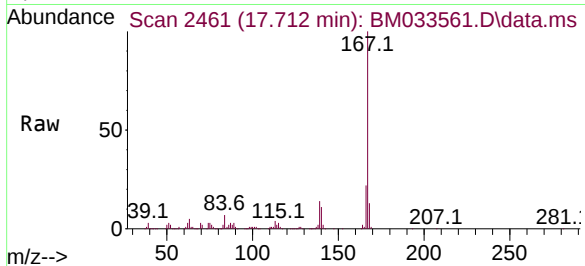




#73
 Carbazole
 Concen: 53.837 ng
 RT: 17.712 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BM033561.D
 Acq: 21 Dec 2021 19:26

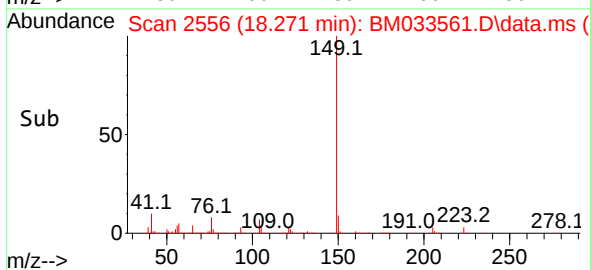
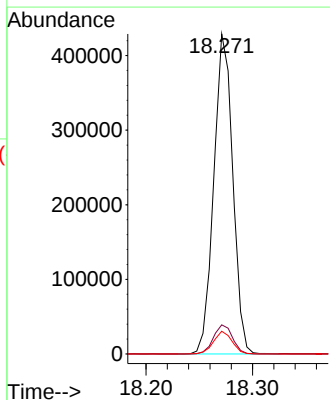
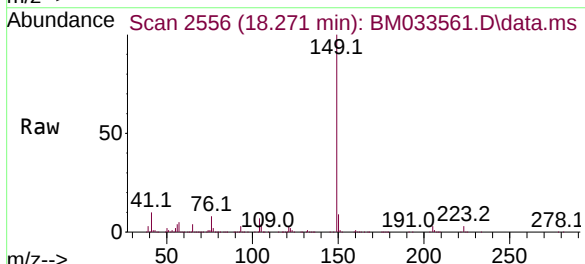
Instrument :
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 ClientSampleId :
 HB-2-(20-25)-12-17-21MS

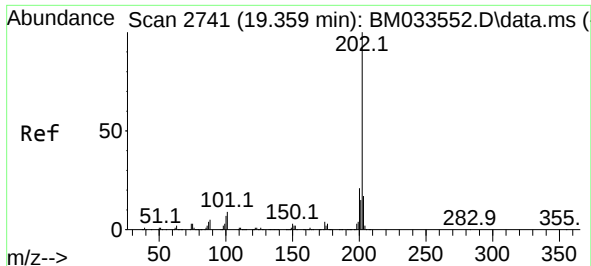
Tgt Ion:167 Resp: 390396
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 14.0 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 59.040 ng
 RT: 18.271 min Scan# 2556
 Delta R.T. -0.000 min
 Lab File: BM033561.D
 Acq: 21 Dec 2021 19:26

Tgt Ion:149 Resp: 529849
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 7.1 4.6 6.8#

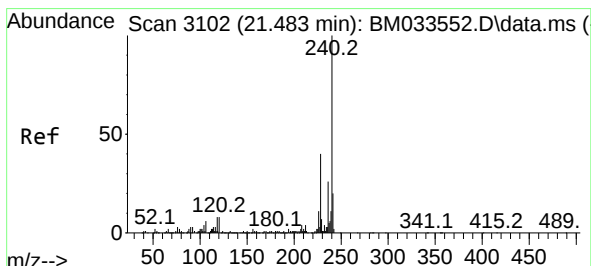
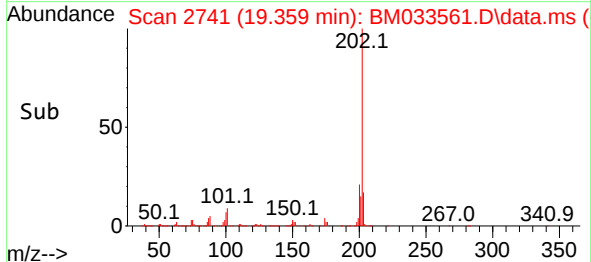
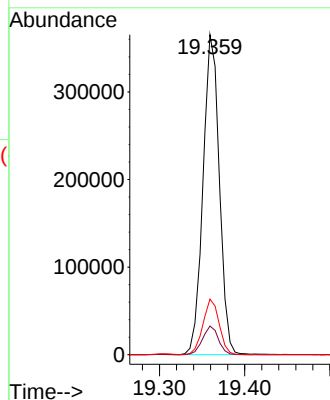
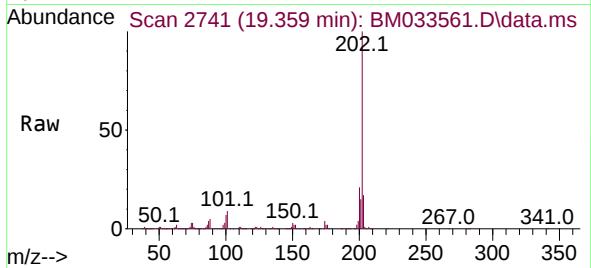




#75
Fluoranthene
Concen: 55.324 ng
RT: 19.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

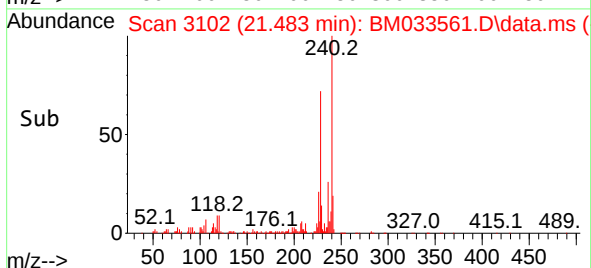
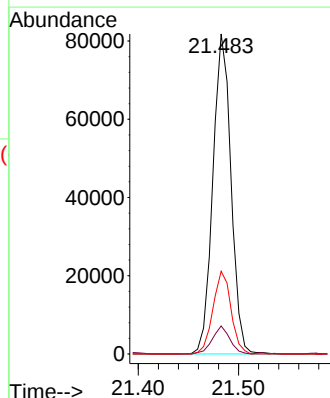
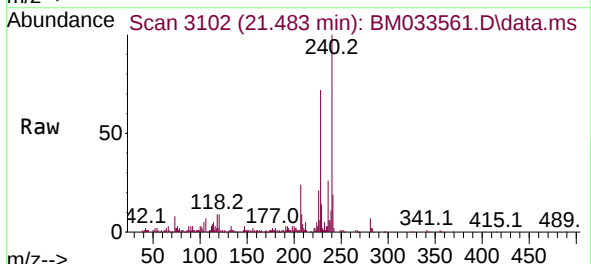
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

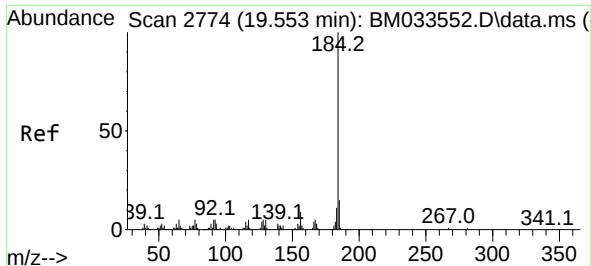
Tgt Ion:202 Resp: 486250
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.8
203 17.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:240 Resp: 102458
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 25.9 20.3 30.5

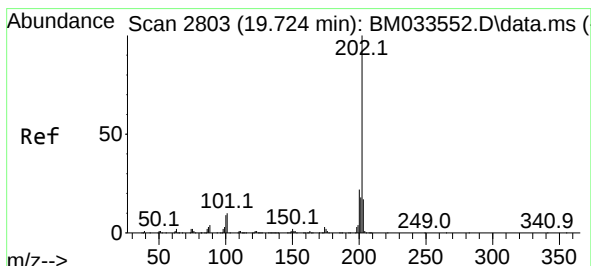
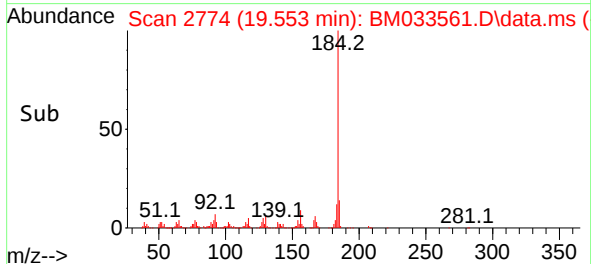
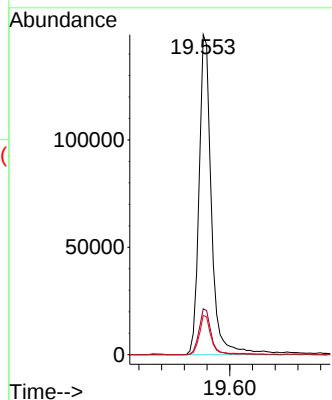
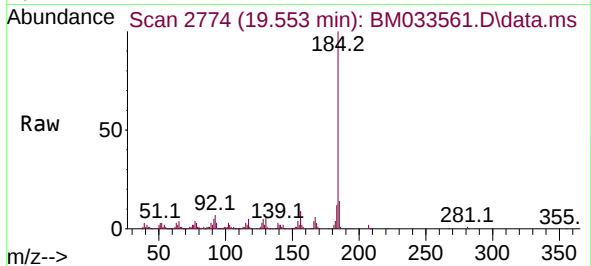




#77
Benzidine
Concen: 200.580 ng
RT: 19.553 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

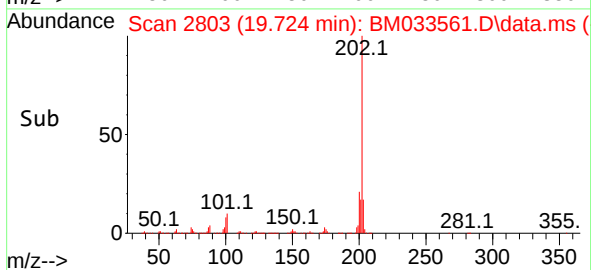
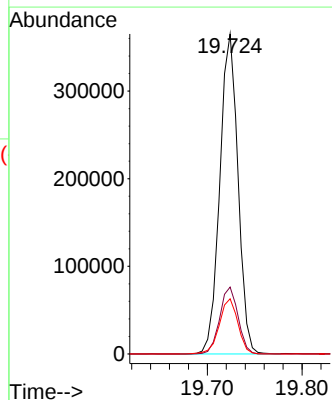
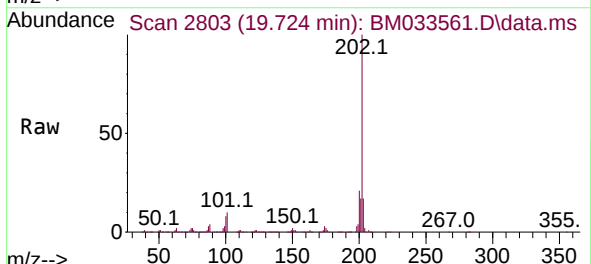
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

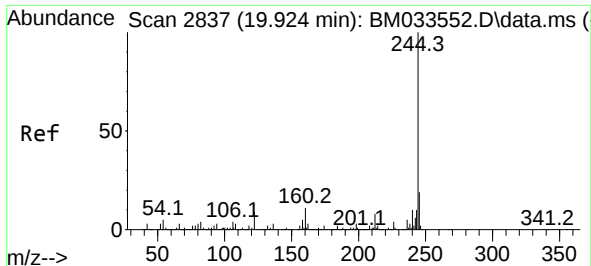
Tgt Ion:184 Resp: 226745
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 12.3 9.7 14.5



#78
Pyrene
Concen: 64.031 ng
RT: 19.724 min Scan# 2803
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:202 Resp: 487322
Ion Ratio Lower Upper
202 100
200 20.9 16.4 24.6
203 17.3 13.5 20.3

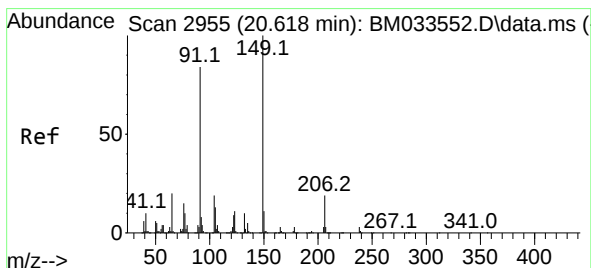
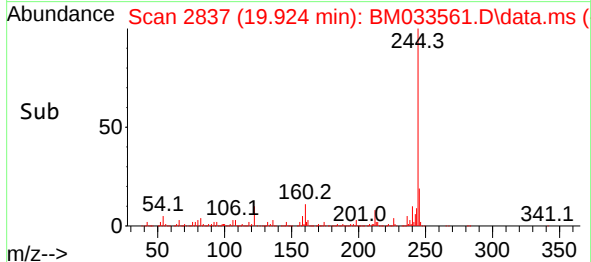
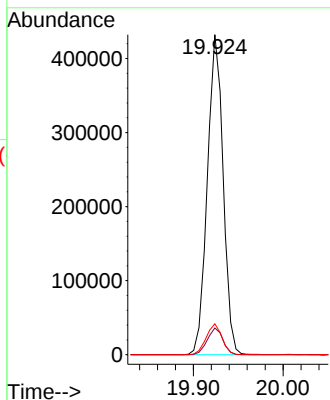
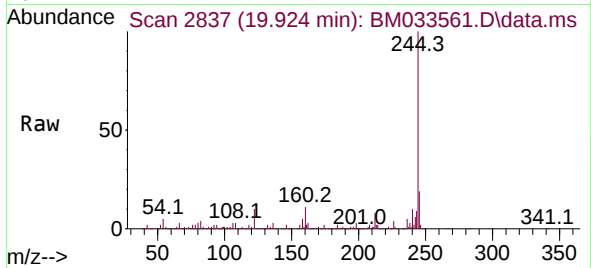




#79
 Terphenyl-d14
 Concen: 85.758 ng
 RT: 19.924 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM033561.D
 Acq: 21 Dec 2021 19:26

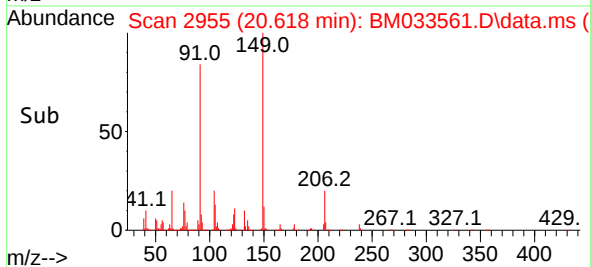
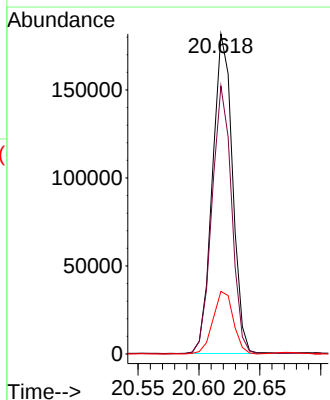
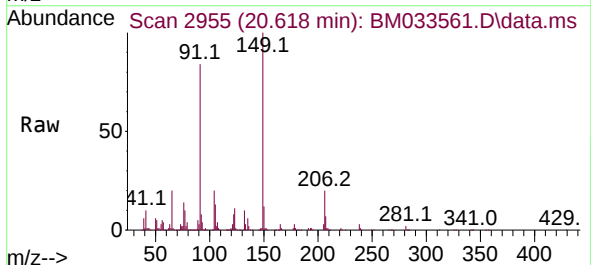
Instrument :
 BNA_M
 ClientSampleId :
 HB-2-(20-25)-12-17-21MS

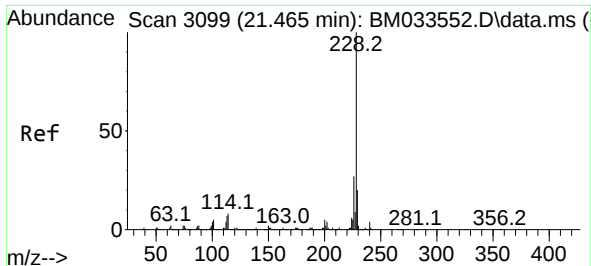
Tgt Ion:244 Resp: 528251
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.9 8.9
 122 9.6 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 62.652 ng
 RT: 20.618 min Scan# 2955
 Delta R.T. -0.000 min
 Lab File: BM033561.D
 Acq: 21 Dec 2021 19:26

Tgt Ion:149 Resp: 207986
 Ion Ratio Lower Upper
 149 100
 91 83.8 63.4 95.0
 206 19.6 16.8 25.2

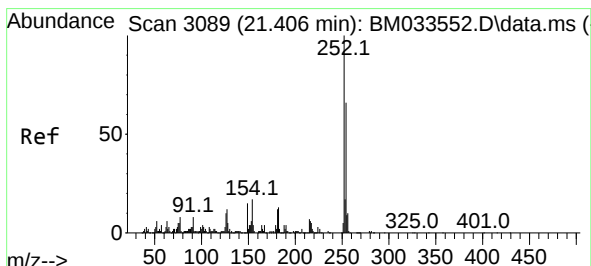
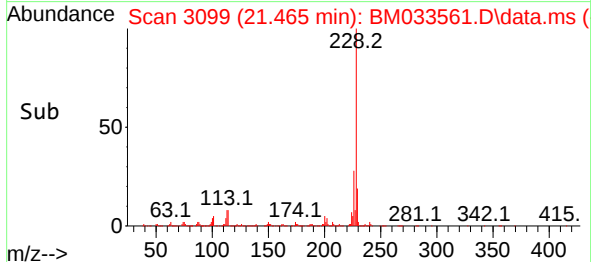
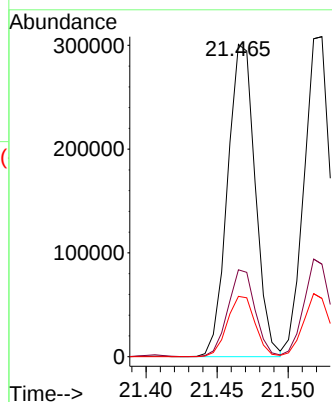
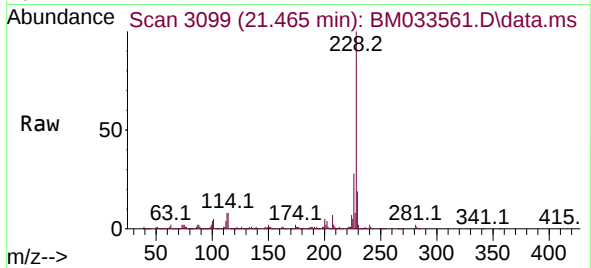




#81
Benzo(a)anthracene
Concen: 58.380 ng
RT: 21.465 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

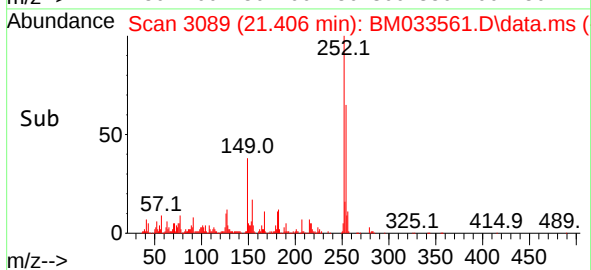
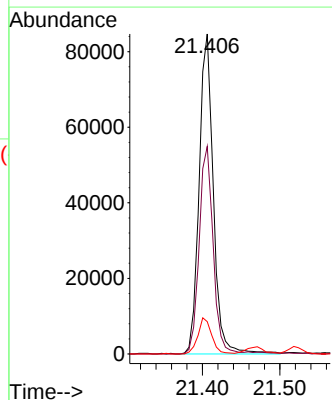
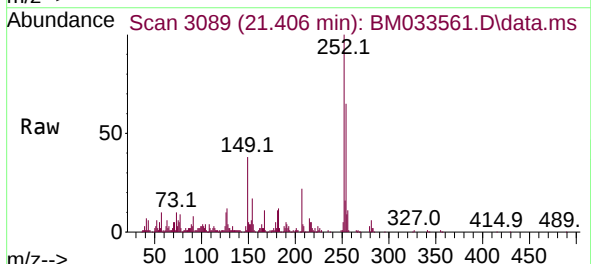
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

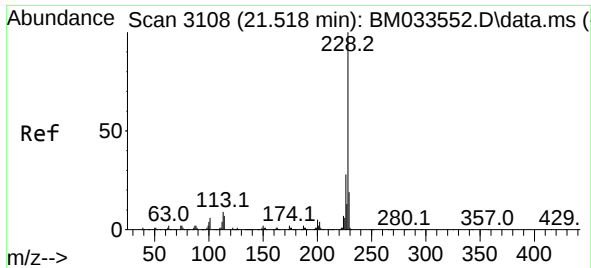
Tgt Ion:228 Resp: 407509
Ion Ratio Lower Upper
228 100
226 27.8 21.0 31.6
229 19.3 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 34.451 ng
RT: 21.406 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:252 Resp: 108010
Ion Ratio Lower Upper
252 100
254 64.9 50.9 76.3
126 10.1 8.8 13.2





#83

Chrysene

Concen: 59.938 ng

RT: 21.524 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM033561.D

Acq: 21 Dec 2021 19:26

Instrument :

BNA_M

ClientSampleId :

HB-2-(20-25)-12-17-21MS

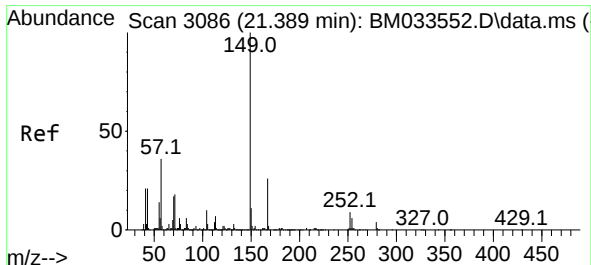
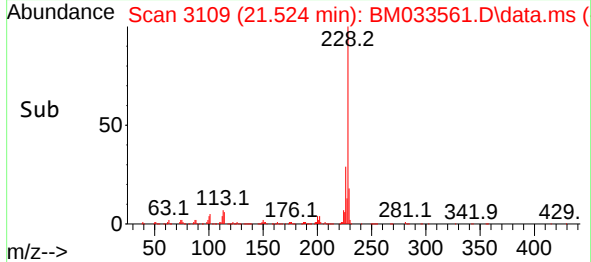
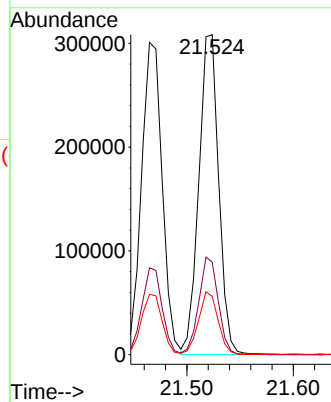
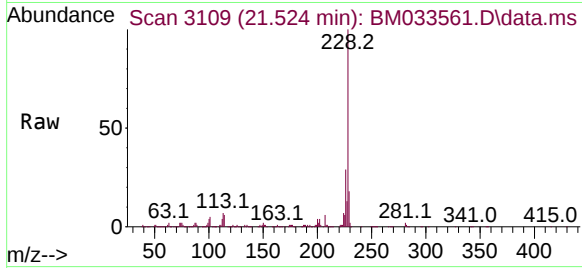
Tgt Ion:228 Resp: 401244

Ion Ratio Lower Upper

228 100

226 28.9 23.8 35.8

229 18.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.525 ng

RT: 21.394 min Scan# 3087

Delta R.T. 0.006 min

Lab File: BM033561.D

Acq: 21 Dec 2021 19:26

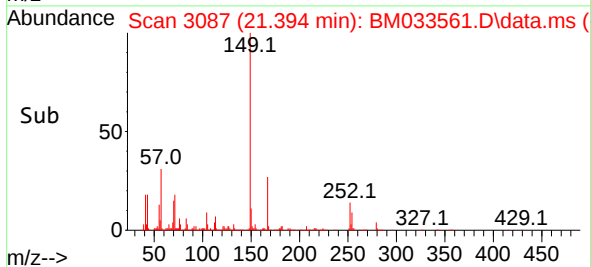
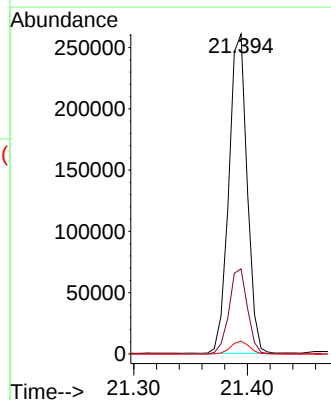
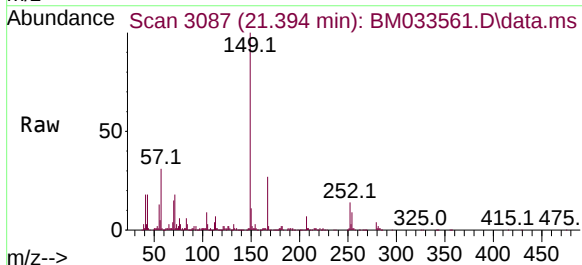
Tgt Ion:149 Resp: 290896

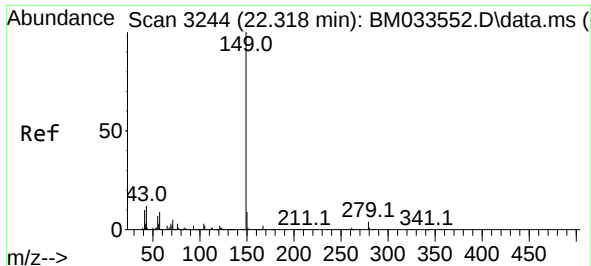
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 4.0 3.0 4.6

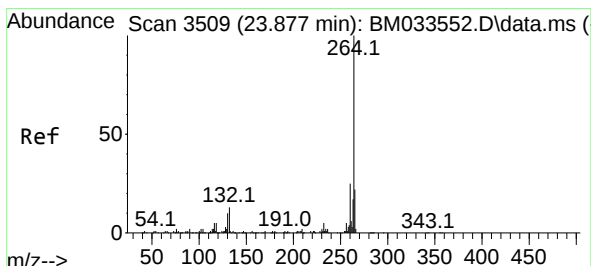
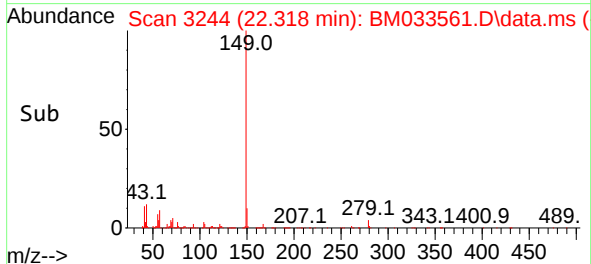
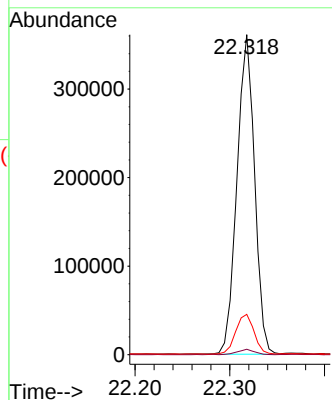
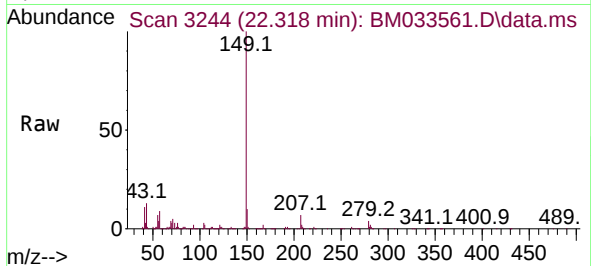




#85
Di-n-octyl phthalate
Concen: 62.238 ng
RT: 22.318 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

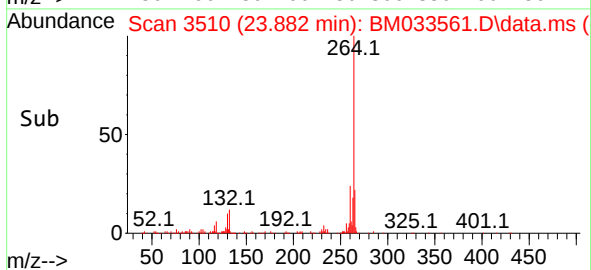
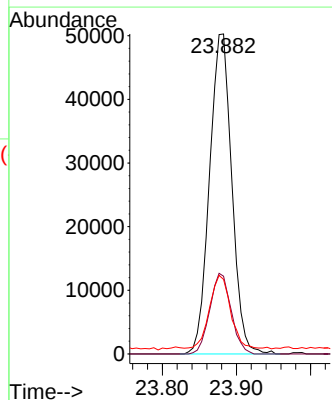
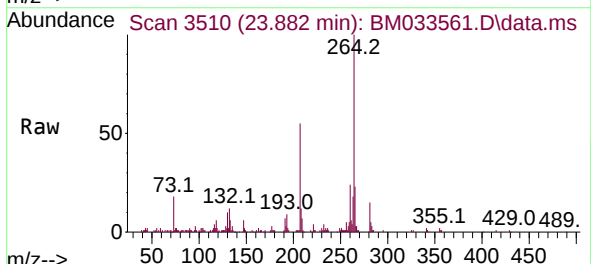
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

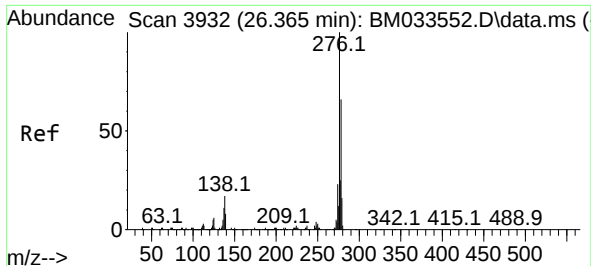
Tgt Ion:149 Resp: 466036
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.9 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.882 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:264 Resp: 104919
Ion Ratio Lower Upper
264 100
260 24.3 17.7 26.5
265 23.3 17.7 26.5

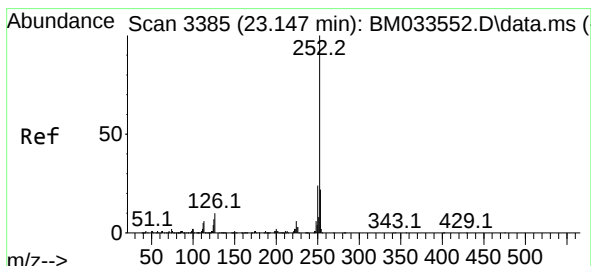
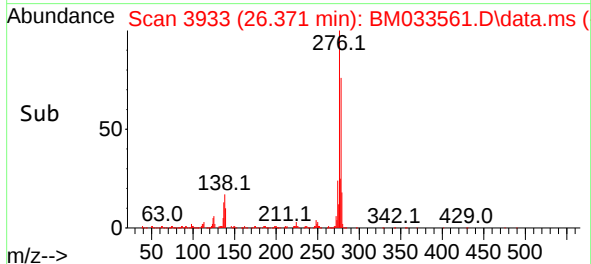
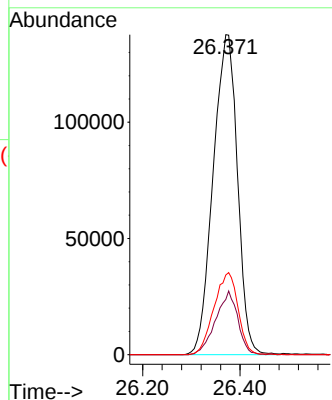
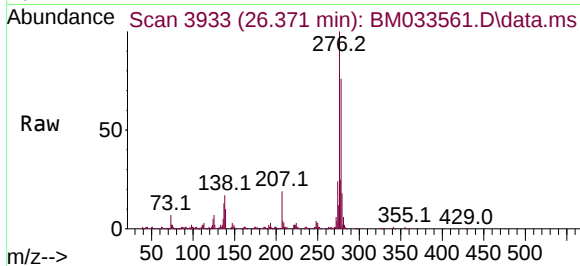




#87
Indeno(1,2,3-cd)pyrene
Concen: 64.201 ng
RT: 26.371 min Scan# 3932
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

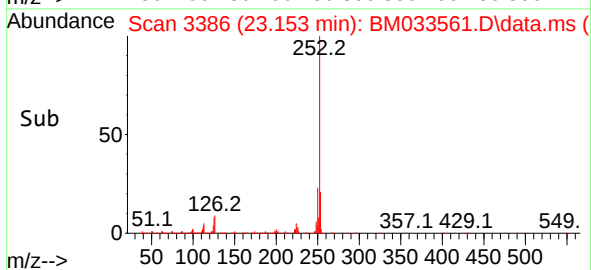
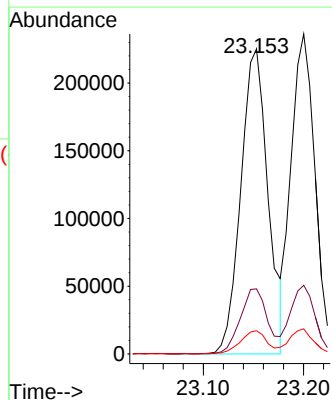
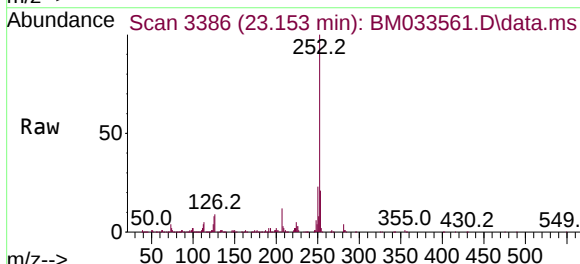
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

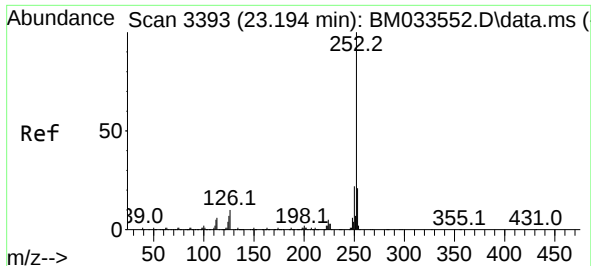
Tgt Ion:276 Resp: 477066
Ion Ratio Lower Upper
276 100
138 18.0 18.7 28.1#
277 25.5 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 63.148 ng
RT: 23.153 min Scan# 3386
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:252 Resp: 424367
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 7.6 7.4 11.2

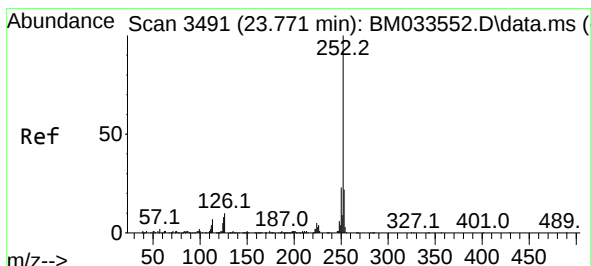
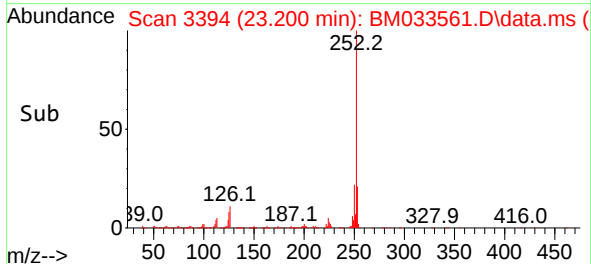
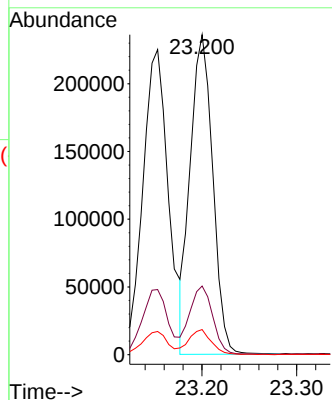
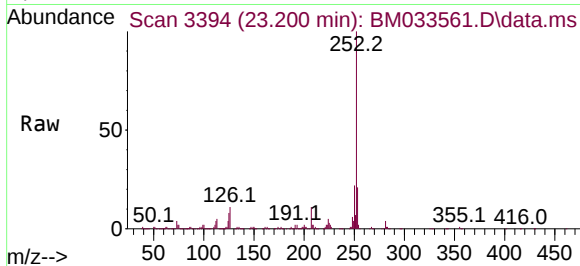




#89
Benzo(k)fluoranthene
Concen: 58.156 ng
RT: 23.200 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

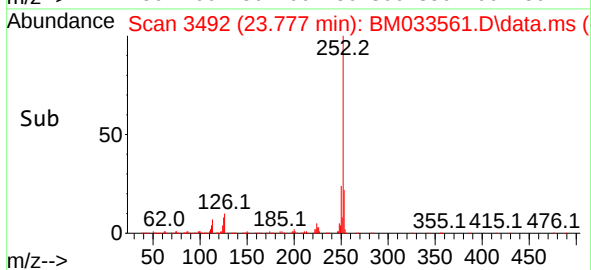
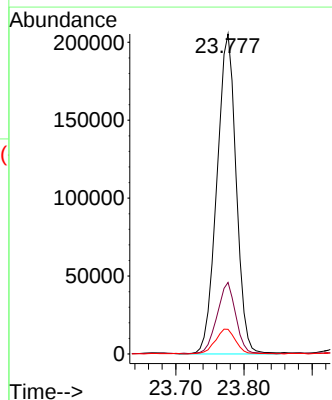
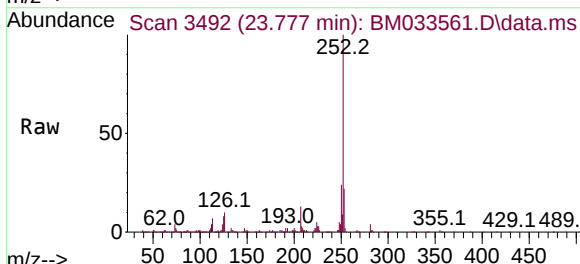
Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

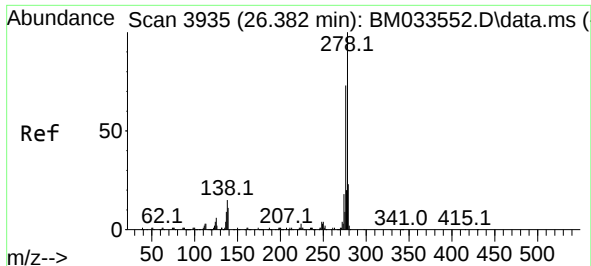
Tgt Ion:252 Resp: 389510
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 7.8 8.1 12.1#



#90
Benzo(a)pyrene
Concen: 71.582 ng
RT: 23.777 min Scan# 3492
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:252 Resp: 404984
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 7.7 7.8 11.8#

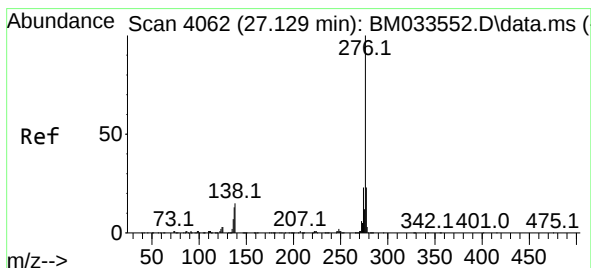
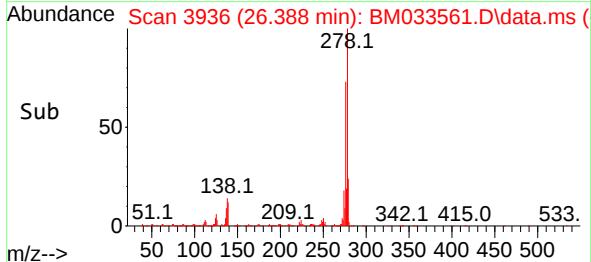
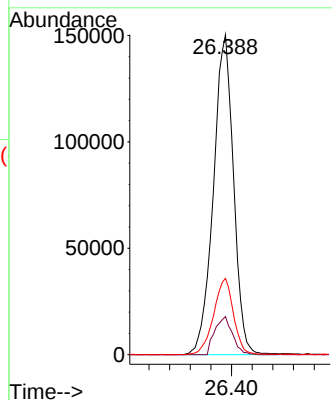
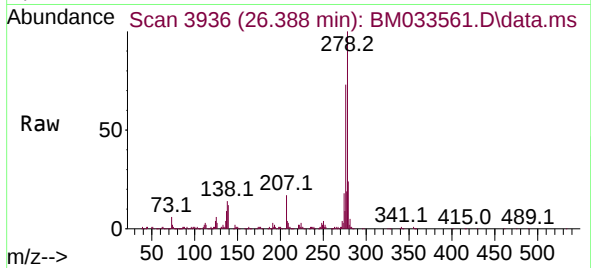




#91
Dibenzo(a,h)anthracene
Concen: 64.866 ng
RT: 26.388 min Scan# 3935
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

Tgt Ion:278 Resp: 406918
Ion Ratio Lower Upper
278 100
139 11.9 10.9 16.3
279 23.9 17.7 26.5



#92
Benzo(g,h,i)perylene
Concen: 66.428 ng
RT: 27.135 min Scan# 4063
Delta R.T. 0.006 min
Lab File: BM033561.D
Acq: 21 Dec 2021 19:26

Tgt Ion:276 Resp: 410387
Ion Ratio Lower Upper
276 100
277 22.5 19.1 28.7
138 14.5 14.8 22.2#

