

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036361.D
 Acq On : 22 Aug 2022 12:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 23 00:59:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	279738	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1350932	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	852790	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1673691	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	1218611	20.000	ng/u1	0.00
88) Perylene-d12	23.691	264	1101416	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	52016	7.087	ng/uL	0.00
4) Pyridine-d5	3.628	84	379900	18.768	ng/u1	0.00
7) Phenol-d5	6.975	99	454518	19.035	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	311422	20.720	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	361492	19.268	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	362102	20.310	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	185087	18.070	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	172356	16.590	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	341572	18.400	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	576135	20.019	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1075411	19.933	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1317705	19.582	ng/u1	0.00
54) 4-Nitrophenol-d4	14.662	143	153937	15.058	ng/u1	0.00
60) Fluorene-d10	15.427	176	977824	20.057	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.562	200	115675	13.443	ng/u1	0.00
73) Anthracene-d10	17.280	188	1439609	19.344	ng/u1	0.00
81) Pyrene-d10	19.574	212	1430874	22.635	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.538	264	1044379	19.340	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	55456	7.173	ng/uL	96
5) Pyridine	3.651	79	395756	18.927	ng/u1	93
6) Benzaldehyde	6.939	77	232593	23.714	ng/u1	90
8) Phenol	6.998	94	489399	19.713	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.228	93	408172	20.556	ng/u1	99
12) 2-Chlorophenol	7.357	128	382086	19.476	ng/u1	99
13) 2-Methylphenol	8.251	108	372185	20.338	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.322	45	364901	13.736	ng/u1	99
16) Acetophenone	8.628	105	630330	21.982	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.610	70	333870	23.393	ng/u1	98
18) 4-Methylphenol	8.581	108	406540	20.753	ng/u1	98
19) Hexachloroethane	8.863	117	160766	19.587	ng/u1	87
22) Nitrobenzene	9.004	77	469170	19.332	ng/u1	96
23) Isophorone	9.533	82	921645	21.385	ng/u1	97
25) 2-Nitrophenol	9.716	139	203650	17.594	ng/u1	97
26) 2,4-Dimethylphenol	9.780	107	453094	19.574	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	574228	20.466	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	360945	19.004	ng/u1	98
30) Naphthalene	10.645	128	1375768	19.403	ng/u1	99
32) 4-Chloroaniline	10.769	127	591741	20.215	ng/u1	98
33) Hexachlorobutadiene	10.916	225	225195	18.873	ng/u1	99
34) Caprolactam	11.557	113	73761	12.962	ng/u1	99
35) 4-Chloro-3-methylphenol	11.898	107	390785	20.349	ng/u1	100
36) 2-Methylnaphthalene	12.257	142	916665	20.605	ng/u1	99

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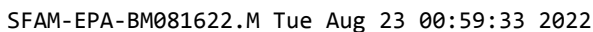
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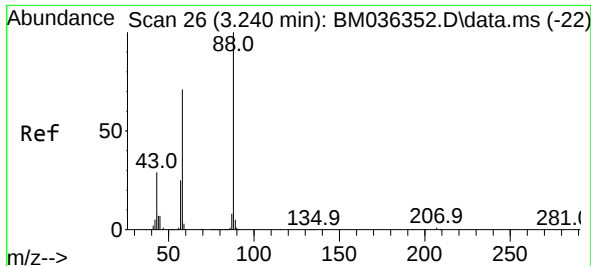
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.474	142	929235	20.741	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.621	216	432410	18.345	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	236756	16.931	ng/ul	97
41) 2,4,6-Trichlorophenol	12.874	196	255920	17.254	ng/ul	96
42) 2,4,5-Trichlorophenol	12.951	196	275809	17.531	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1231515	19.201	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	924767	18.789	ng/ul	99
45) 2-Nitroaniline	13.533	65	262340	19.684	ng/ul	93
47) Dimethylphthalate	13.904	163	1115941	20.094	ng/ul	100
48) 2,6-Dinitrotoluene	14.027	165	201788	19.258	ng/ul#	83
50) Acenaphthylene	14.157	152	1545562	19.477	ng/ul	99
51) 3-Nitroaniline	14.363	138	202753	17.694	ng/ul#	96
52) Acenaphthene	14.498	153	1003245	19.397	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	76859	13.460	ng/ul	92
55) 4-Nitrophenol	14.674	109	129386	16.019	ng/ul	87
56) Dibenzofuran	14.833	168	1384286	19.289	ng/ul	96
57) 2,4-Dinitrotoluene	14.815	165	292302	19.670	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.068	232	216382	18.114	ng/ul	95
59) Diethylphthalate	15.262	149	1151820	21.040	ng/ul	100
61) Fluorene	15.486	166	1132366	19.893	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	529823	19.926	ng/ul	98
63) 4-Nitroaniline	15.521	138	164465	15.386	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.574	198	125194	14.390	ng/ul#	86
67) N-Nitrosodiphenylamine	15.698	169	930547	19.447	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	307029	19.811	ng/ul	96
69) Hexachlorobenzene	16.480	284	358388	19.083	ng/ul	96
70) Atrazine	16.656	200	316564	19.363	ng/ul	98
71) Pentachlorophenol	16.833	266	159540	15.409	ng/ul	99
72) Phenanthrene	17.221	178	1693680	19.249	ng/ul	99
74) Anthracene	17.315	178	1721720	19.518	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	449383	17.895	ng/ul	98
76) Pentachlorobenzene	14.751	250	432394	18.440	ng/ul	99
77) Carbazole	17.592	167	1518455	18.385	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1941956	21.497	ng/ul	99
80) Fluoranthene	19.239	202	1770090	23.170	ng/ul	99
82) Pyrene	19.603	202	1787149	22.417	ng/ul	98
83) Butylbenzylphthalate	20.503	149	721499	24.191	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.286	252	435170	17.342	ng/ul	99
85) Benzo(a)anthracene	21.350	228	1433115	19.570	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	1057624	25.683	ng/ul	98
87) Chrysene	21.403	228	1395734	19.397	ng/ul	100
89) Di-n-octyl phthalate	22.180	149	1556773	23.777	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1319528	19.650	ng/ul	98
91) Benzo(k)fluoranthene	23.027	252	1276954	19.987	ng/ul	98
93) Benzo(a)pyrene	23.585	252	1286899	19.480	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.103	276	1398431	18.004	ng/ul	96
95) Dibenzo(a,h)anthracene	26.115	278	1203262	17.983	ng/ul	99
96) Benzo(g,h,i)perylene	26.838	276	1183920	17.824	ng/ul	97

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

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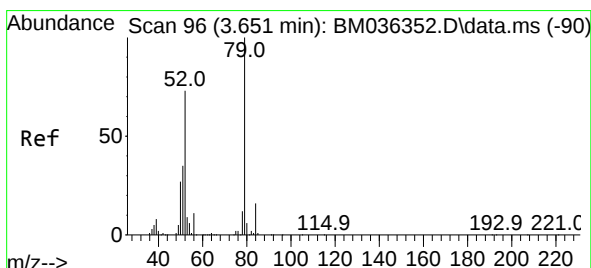
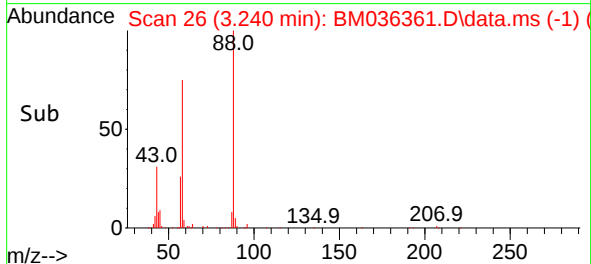
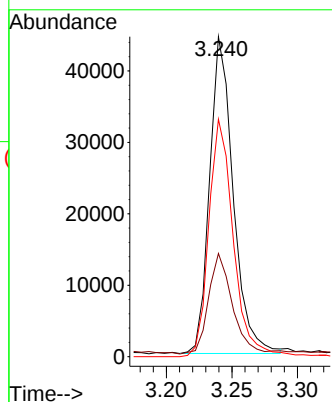
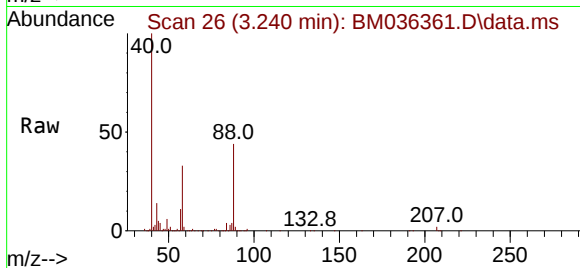




#2
1,4-Dioxane
Concen: 7.173 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

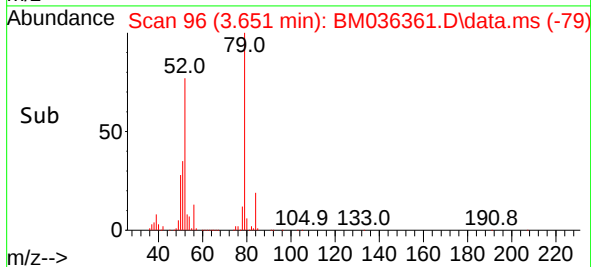
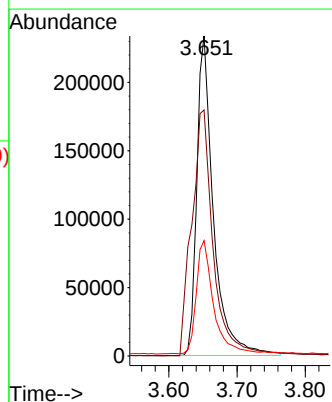
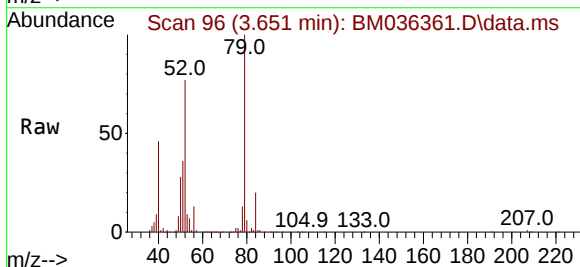
Instrument :
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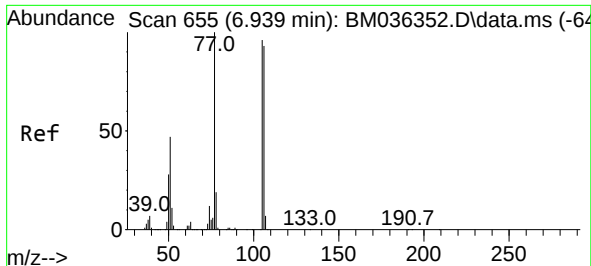
Tgt Ion: 88 Resp: 55456
Ion Ratio Lower Upper
88 100
43 32.3 27.8 41.8
58 74.2 61.8 92.8



#5
Pyridine
Concen: 18.927 ng/uL
RT: 3.651 min Scan# 96
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion: 79 Resp: 395756
Ion Ratio Lower Upper
79 100
52 76.9 67.8 101.6
51 36.1 31.4 47.0

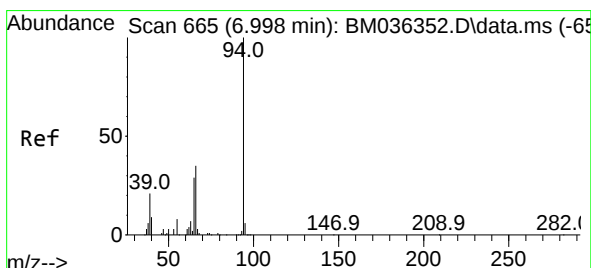
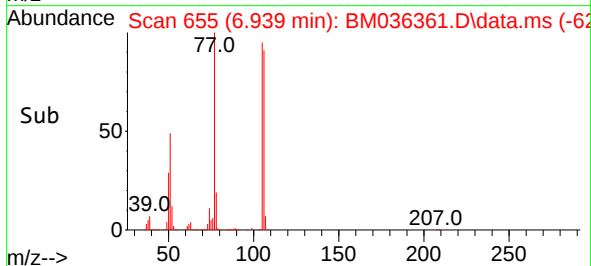
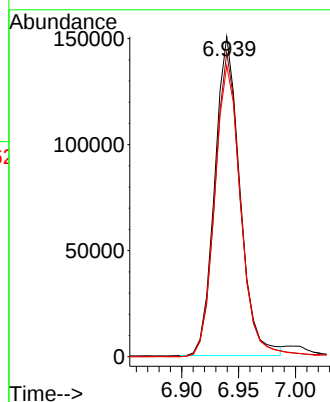
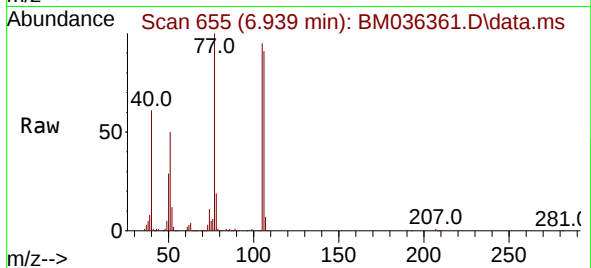




#6
Benzaldehyde
Concen: 23.714 ng/ul
RT: 6.939 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

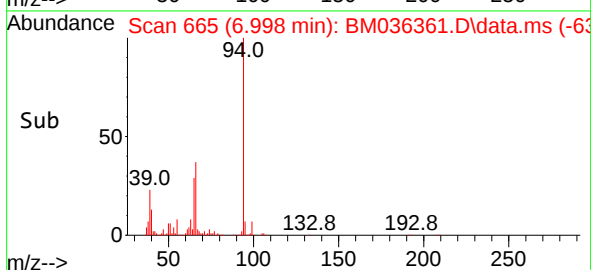
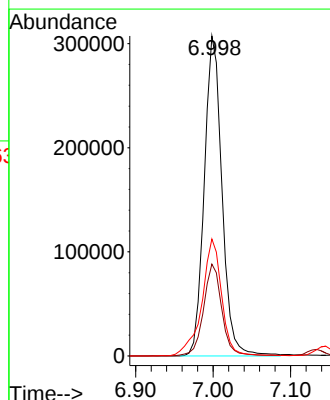
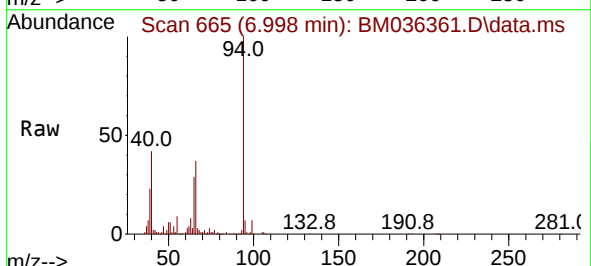
Instrument :
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ClientSampleId :

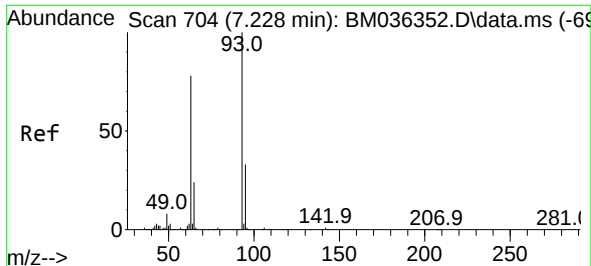
Tgt Ion: 77 Resp: 232593
Ion Ratio Lower Upper
77 100
105 95.1 84.6 127.0
106 91.0 80.3 120.5



#8
Phenol
Concen: 19.713 ng/ul
RT: 6.998 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion: 94 Resp: 489399
Ion Ratio Lower Upper
94 100
65 28.7 21.3 31.9
66 36.6 27.4 41.0

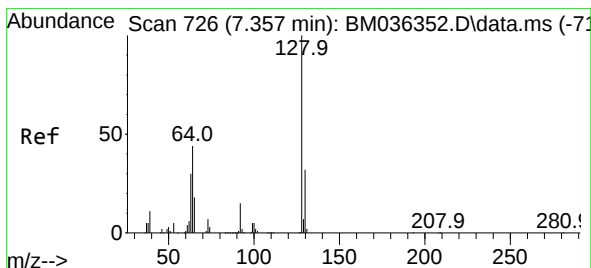
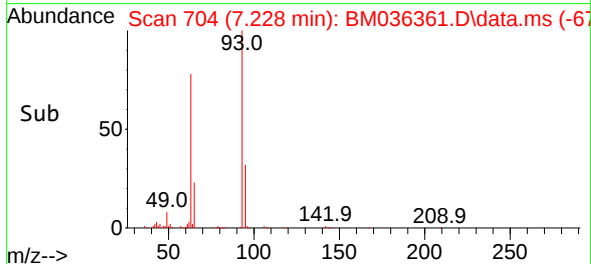
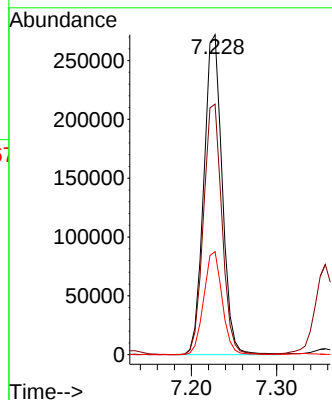
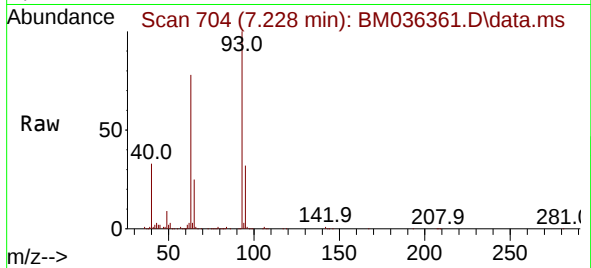




#10
 Bis(2-Chloroethyl)ether
 Concen: 20.556 ng/ul
 RT: 7.228 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: BM036361.D
 Acq: 22 Aug 2022 12:00

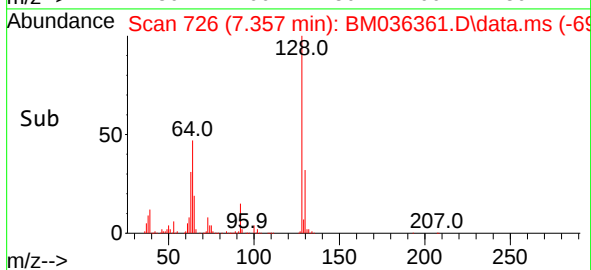
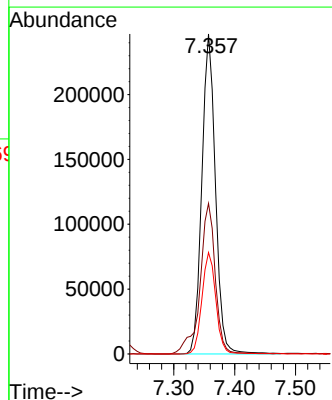
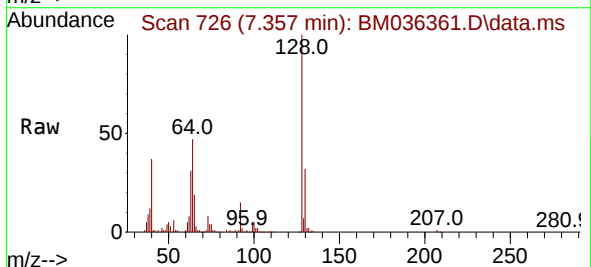
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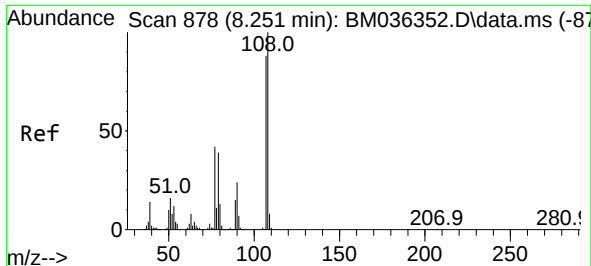
Tgt Ion: 93 Resp: 408172
 Ion Ratio Lower Upper
 93 100
 63 78.3 64.0 96.0
 95 32.2 25.8 38.6



#12
 2-Chlorophenol
 Concen: 19.476 ng/ul
 RT: 7.357 min Scan# 726
 Delta R.T. 0.000 min
 Lab File: BM036361.D
 Acq: 22 Aug 2022 12:00

Tgt Ion:128 Resp: 382086
 Ion Ratio Lower Upper
 128 100
 64 47.0 36.9 55.3
 130 31.7 25.6 38.4

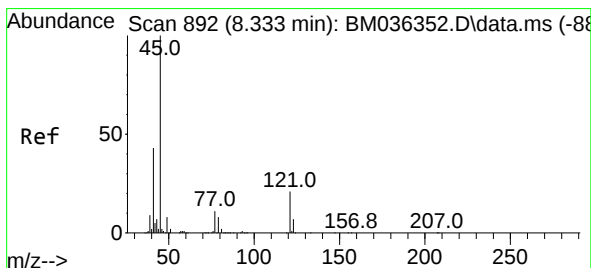
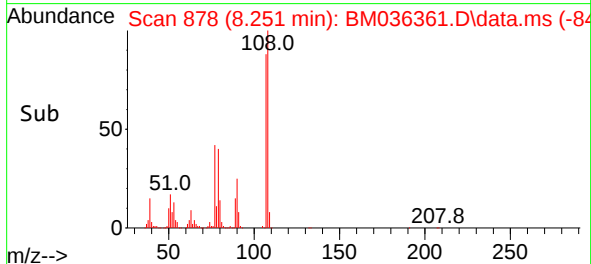
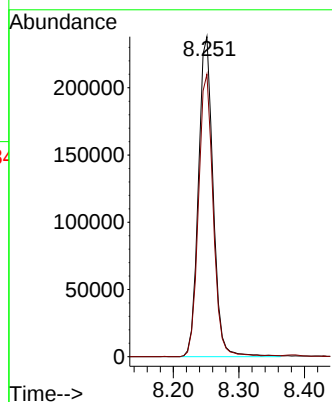
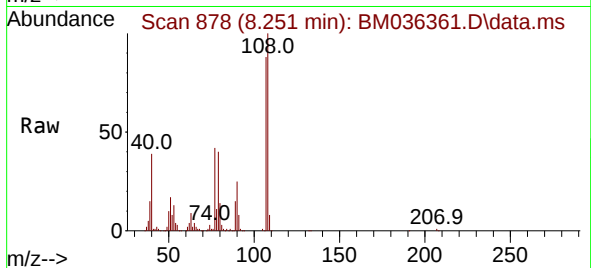




#13
2-Methylphenol
Concen: 20.338 ng/ul
RT: 8.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

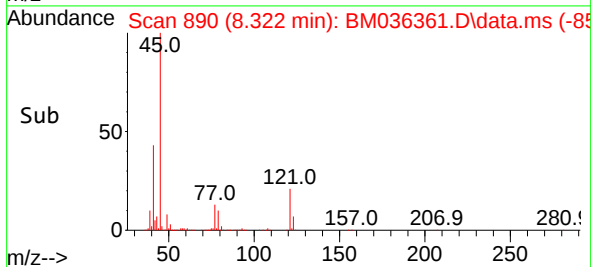
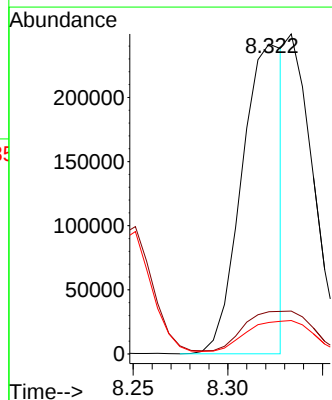
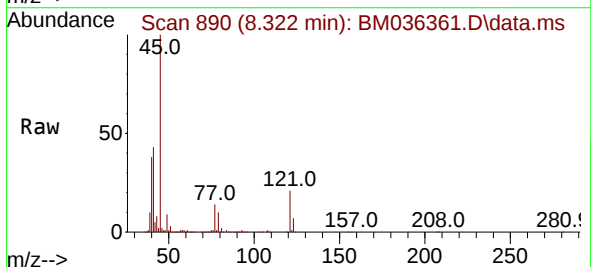
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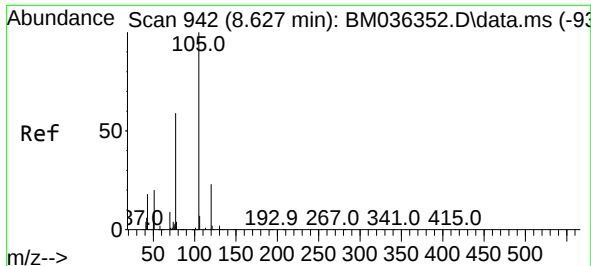
Tgt Ion:108 Resp: 372185
Ion Ratio Lower Upper
108 100
107 88.2 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 13.736 ng/ul
RT: 8.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion: 45 Resp: 364901
Ion Ratio Lower Upper
45 100
77 13.6 10.6 15.8
79 10.2 8.3 12.5

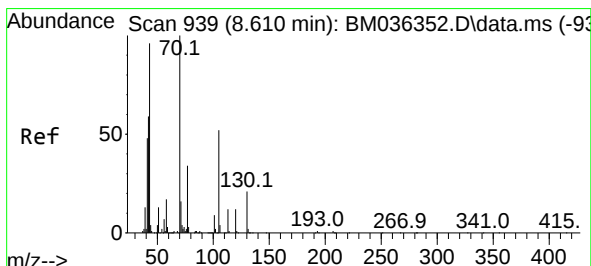
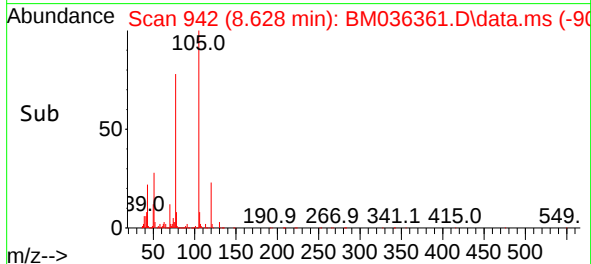
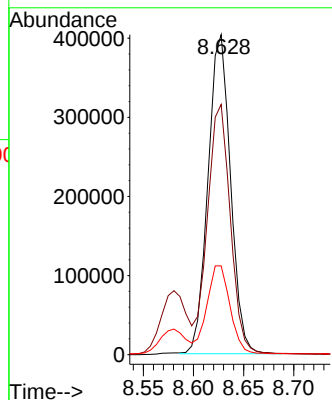
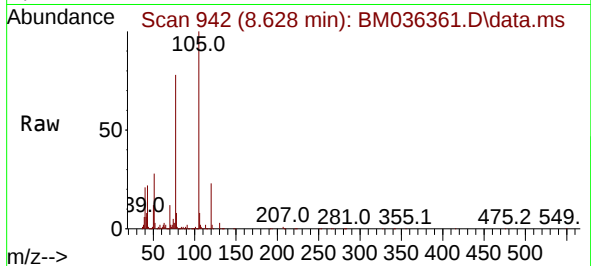




#16
Acetophenone
Concen: 21.982 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

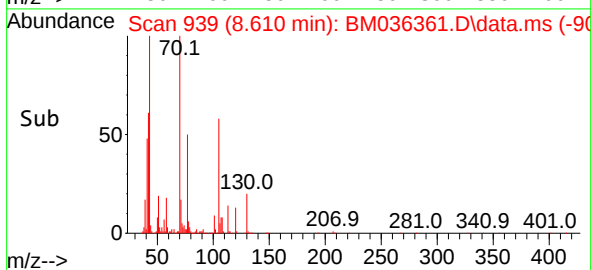
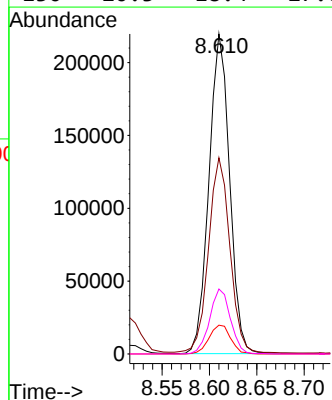
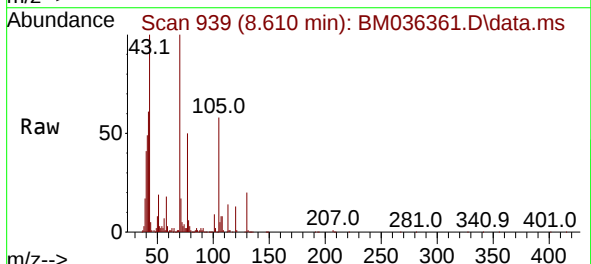
Instrument :
BNA_M
ClientSampleId :

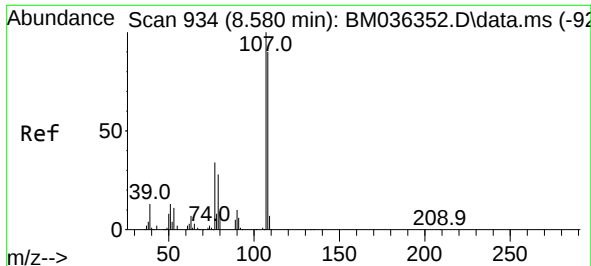
Tgt Ion:105 Resp: 630330
Ion Ratio Lower Upper
105 100
77 78.2 59.8 89.6
51 27.8 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 23.393 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion: 70 Resp: 333870
Ion Ratio Lower Upper
70 100
42 61.3 49.6 74.4
101 9.0 8.1 12.1
130 20.3 18.4 27.6

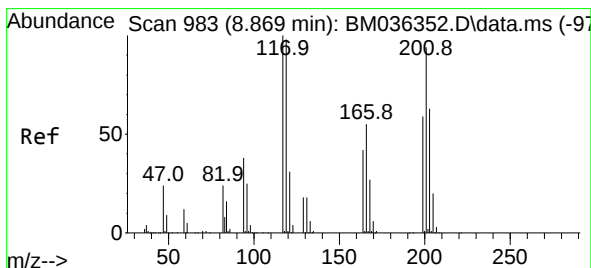
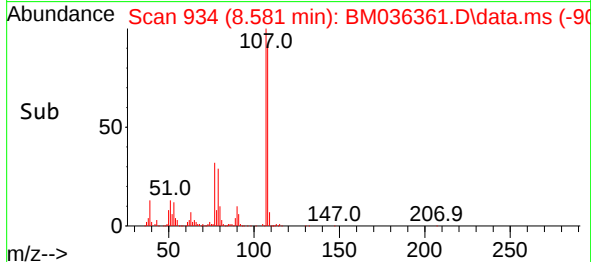
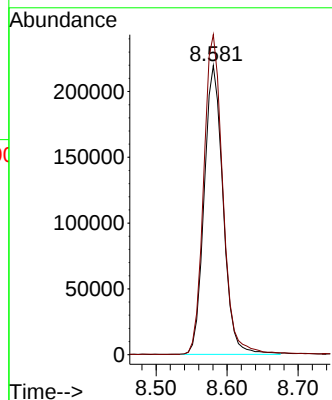
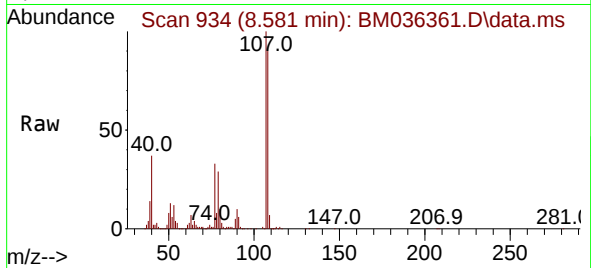




#18
4-Methylphenol
Concen: 20.753 ng/ul
RT: 8.581 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

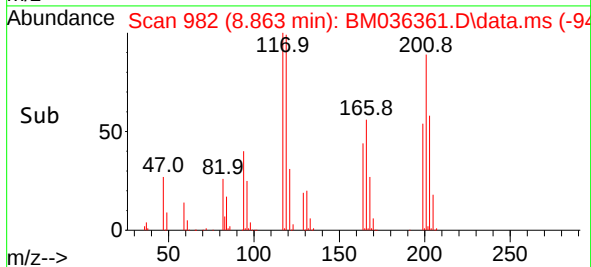
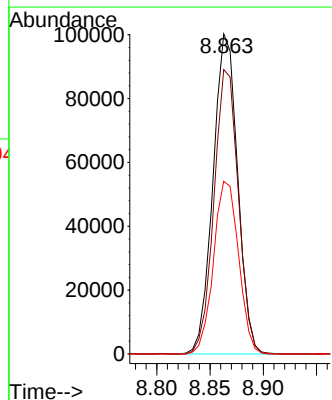
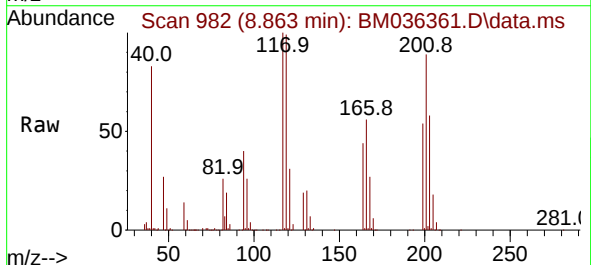
Instrument :
BNA_M
ClientSampleId :

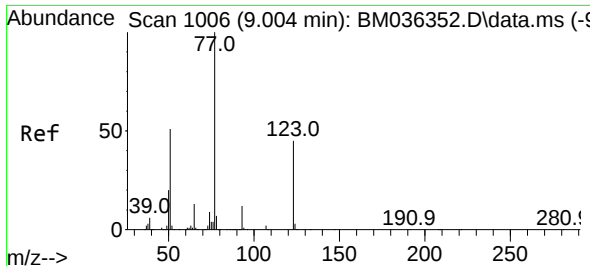
Tgt Ion:108 Resp: 406540
Ion Ratio Lower Upper
108 100
107 110.7 90.3 135.5



#19
Hexachloroethane
Concen: 19.587 ng/ul
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:117 Resp: 160766
Ion Ratio Lower Upper
117 100
201 88.8 81.8 122.6
199 53.9 51.6 77.4

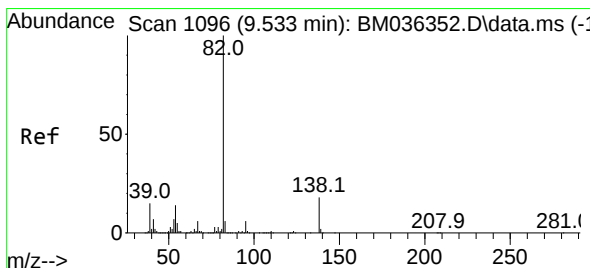
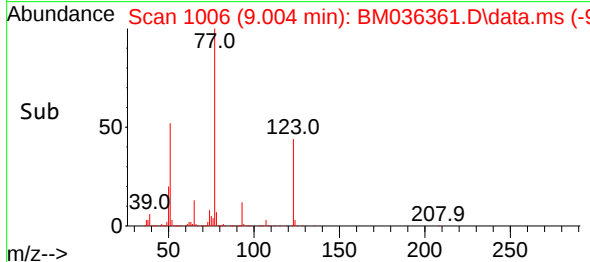
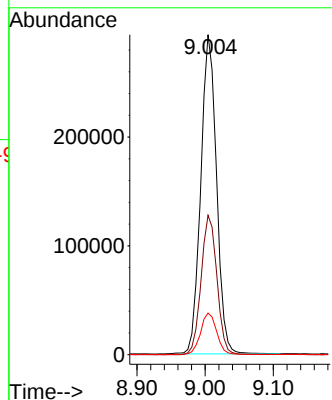
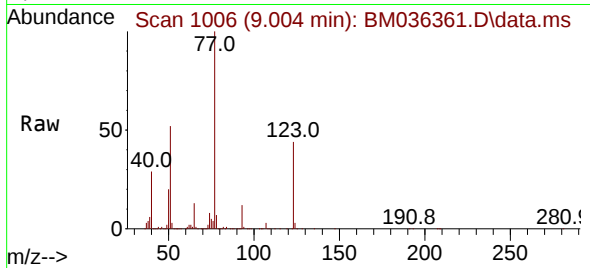




#22
Nitrobenzene
Concen: 19.332 ng/ul
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

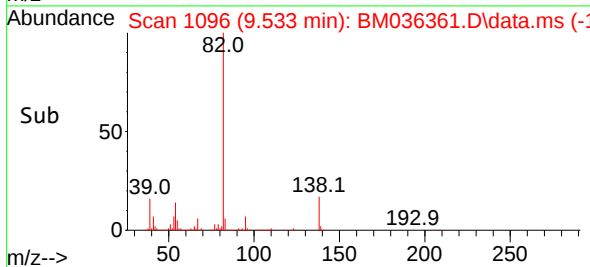
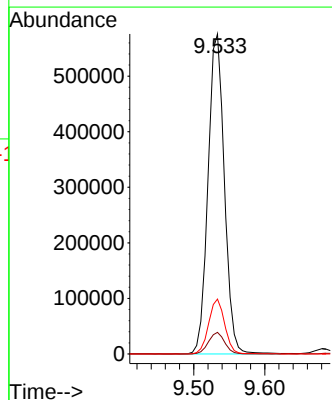
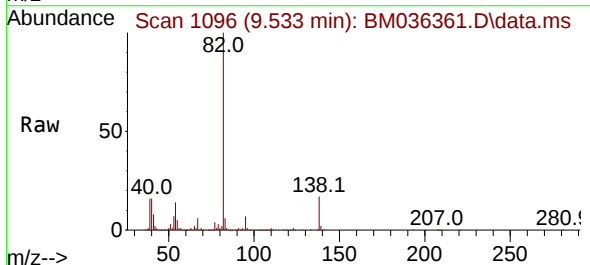
Instrument :
BNA_M
ClientSampleId :

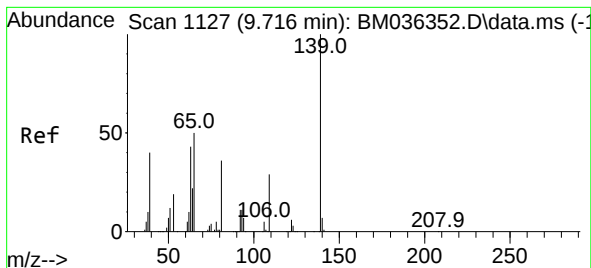
Tgt Ion: 77 Resp: 469170
Ion Ratio Lower Upper
77 100
123 43.6 37.4 56.0
65 13.0 10.8 16.2



#23
Isophorone
Concen: 21.385 ng/ul
RT: 9.533 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion: 82 Resp: 921645
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.2 15.3 22.9





#25

2-Nitrophenol

Concen: 17.594 ng/ul

RT: 9.716 min Scan# 1127

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

Instrument :

BNA_M

ClientSampleId :

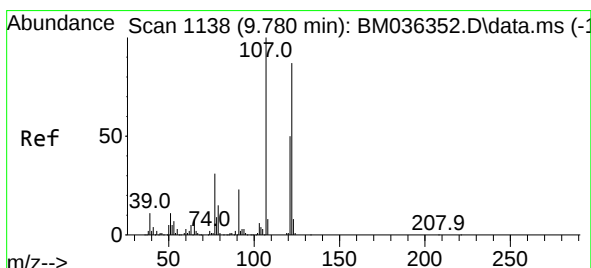
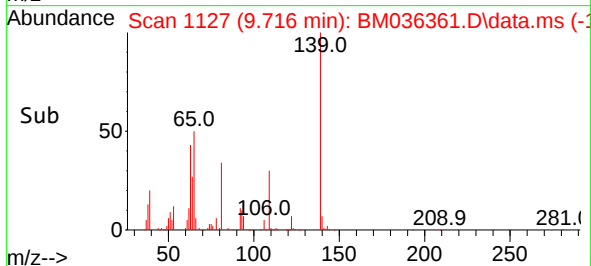
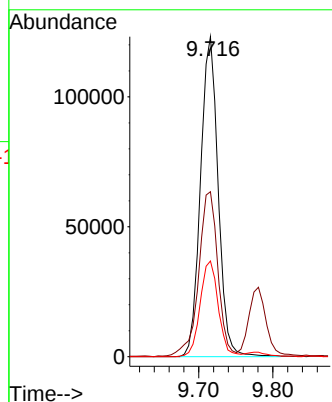
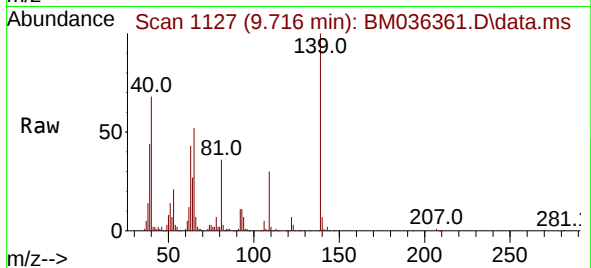
Tgt Ion:139 Resp: 203650

Ion Ratio Lower Upper

139 100

65 51.6 39.8 59.6

109 29.9 22.2 33.4



#26

2,4-Dimethylphenol

Concen: 19.574 ng/ul

RT: 9.780 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

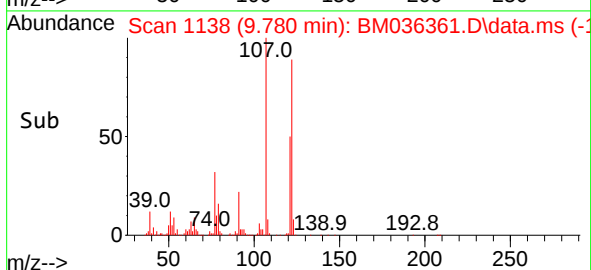
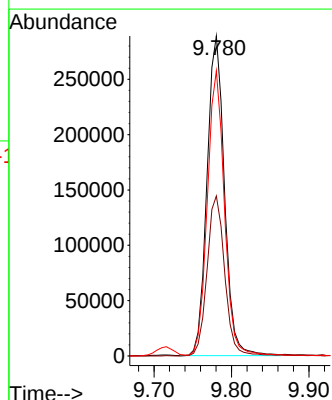
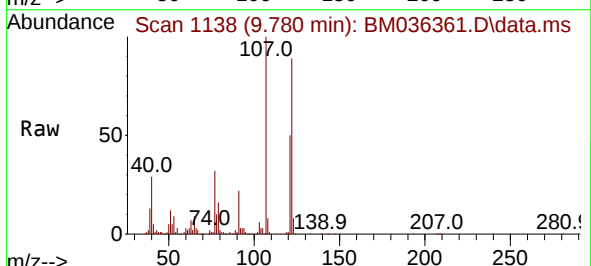
Tgt Ion:107 Resp: 453094

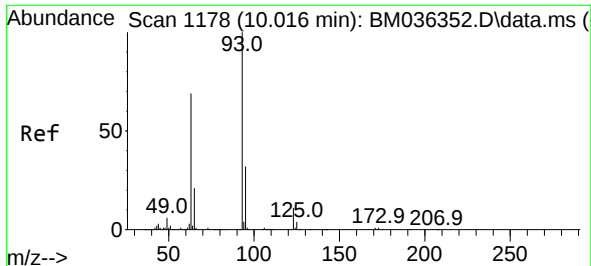
Ion Ratio Lower Upper

107 100

121 50.0 42.7 64.1

122 89.1 71.5 107.3

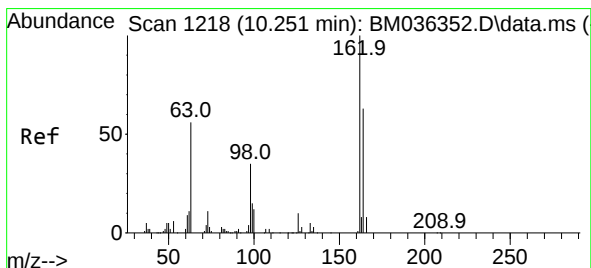
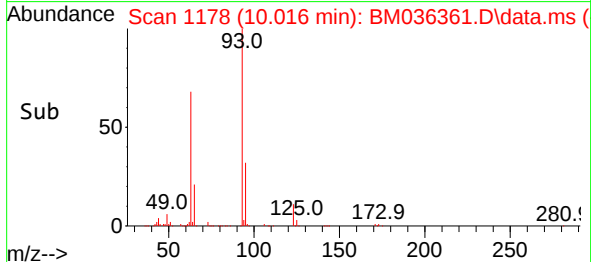
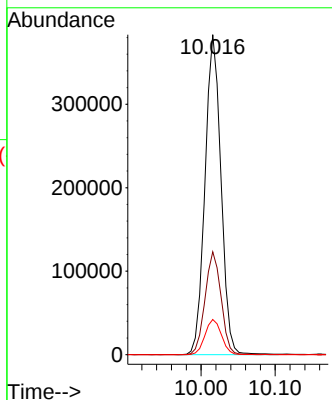
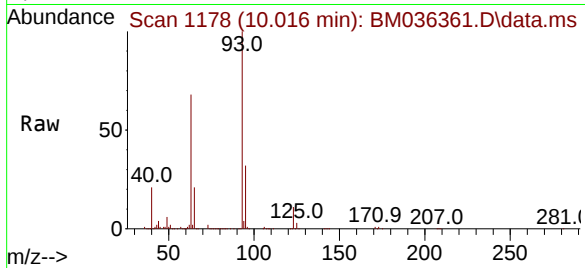




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.466 ng/ul
 RT: 10.016 min Scan# 1178
 Delta R.T. 0.000 min
 Lab File: BM036361.D
 Acq: 22 Aug 2022 12:00

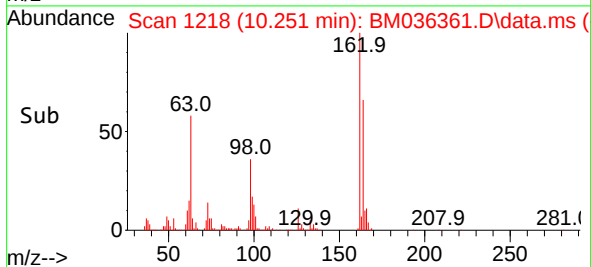
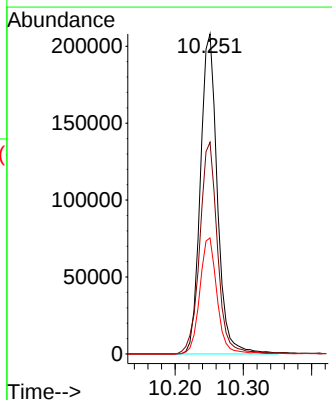
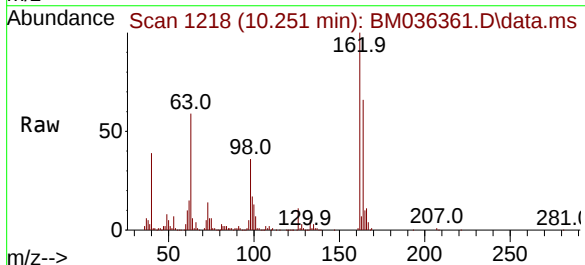
Instrument :
 BNA_M
 ClientSampleId :

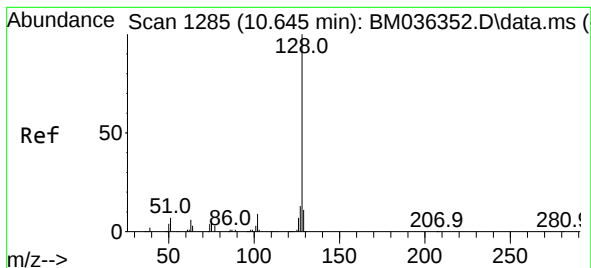
Tgt Ion: 93 Resp: 574228
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.1 39.1
 123 11.0 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 19.004 ng/ul
 RT: 10.251 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: BM036361.D
 Acq: 22 Aug 2022 12:00

Tgt Ion: 162 Resp: 360945
 Ion Ratio Lower Upper
 162 100
 164 66.2 51.8 77.6
 98 36.3 29.5 44.3

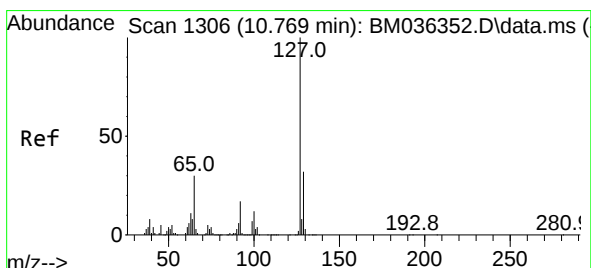
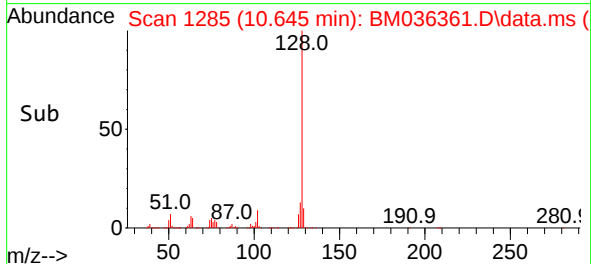
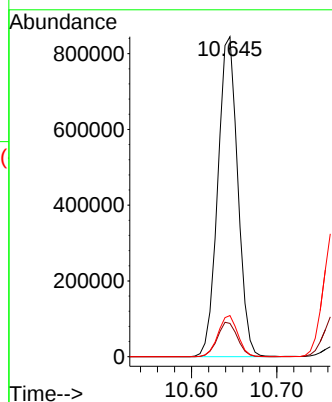
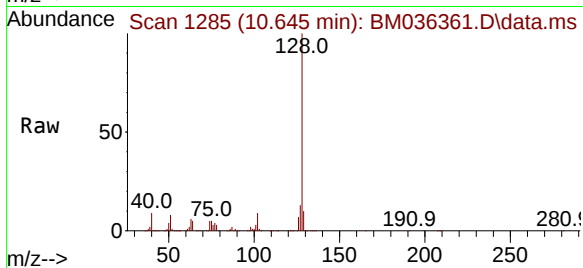




#30
Naphthalene
Concen: 19.403 ng/ul
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

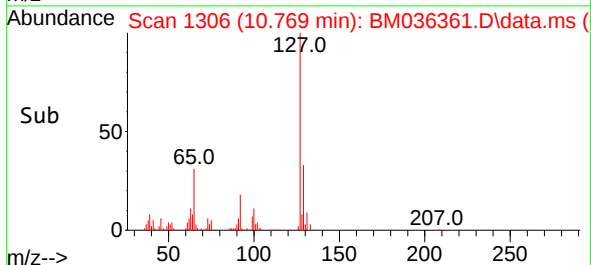
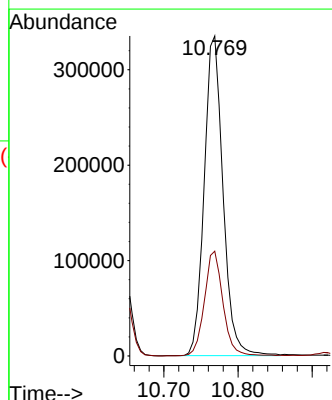
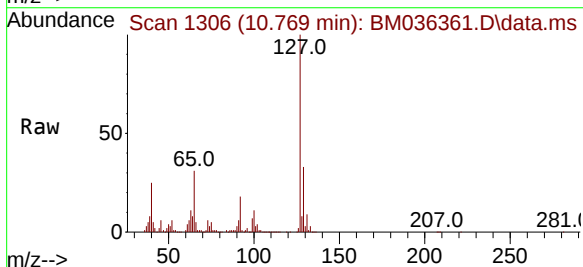
Instrument :
BNA_M
ClientSampleId :

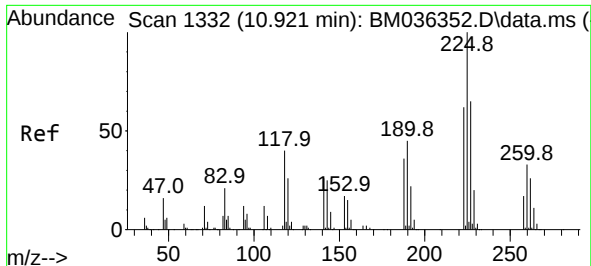
Tgt Ion:128 Resp: 1375768
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.9 10.6 16.0



#32
4-Chloroaniline
Concen: 20.215 ng/ul
RT: 10.769 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

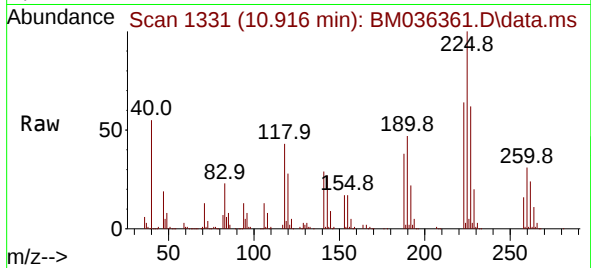
Tgt Ion:127 Resp: 591741
Ion Ratio Lower Upper
127 100
129 32.8 25.3 37.9



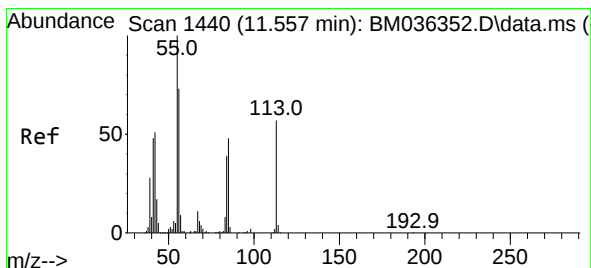
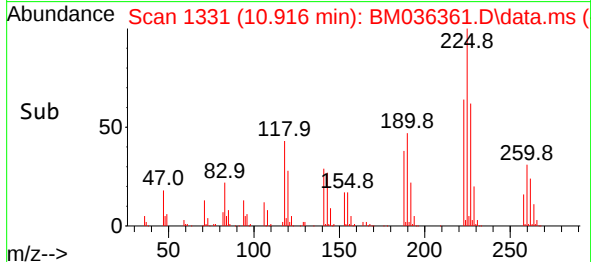
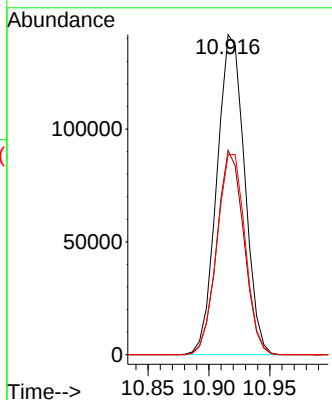


#33
Hexachlorobutadiene
Concen: 18.873 ng/ul
RT: 10.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Instrument :
BNA_M
ClientSampleId :

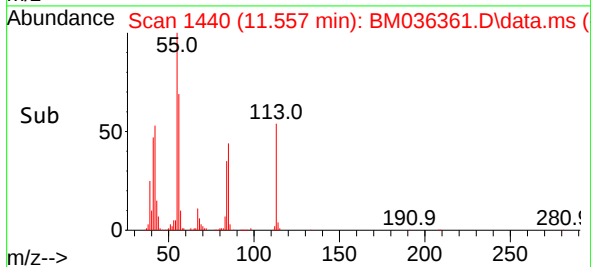
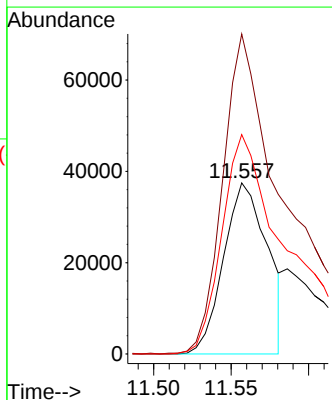
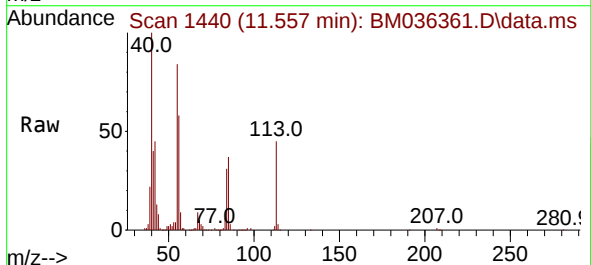


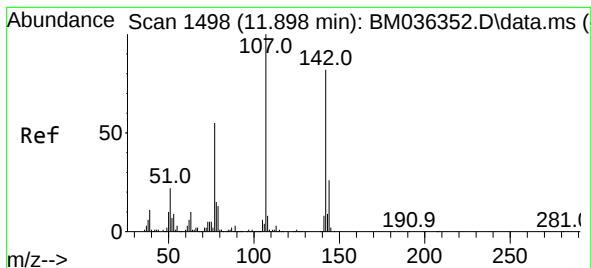
Tgt Ion:225 Resp: 225195
Ion Ratio Lower Upper
225 100
223 63.8 50.0 75.0
227 62.5 49.9 74.9



#34
Caprolactam
Concen: 12.962 ng/ul
RT: 11.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:113 Resp: 73761
Ion Ratio Lower Upper
113 100
55 187.0 150.2 225.4
56 128.2 102.1 153.1

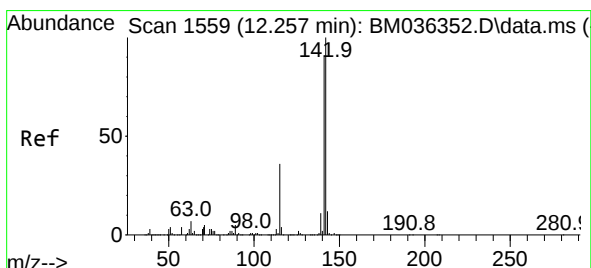
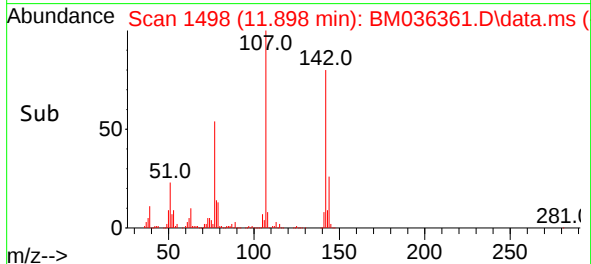
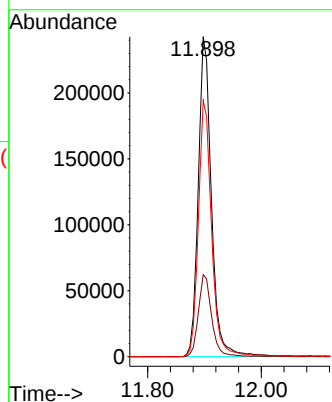
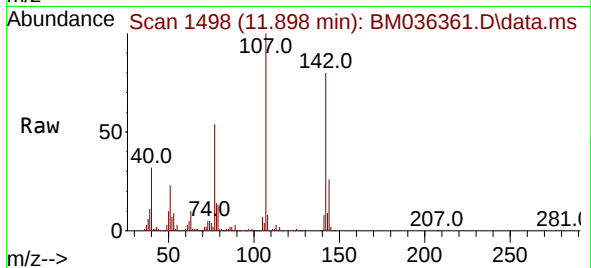




#35
4-Chloro-3-methylphenol
Concen: 20.349 ng/ul
RT: 11.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

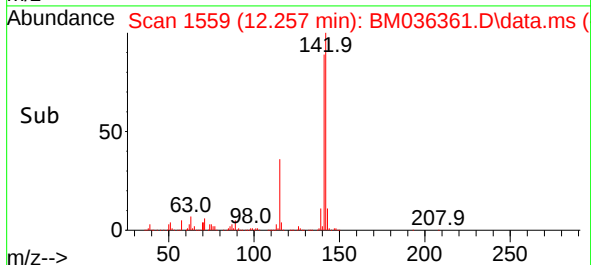
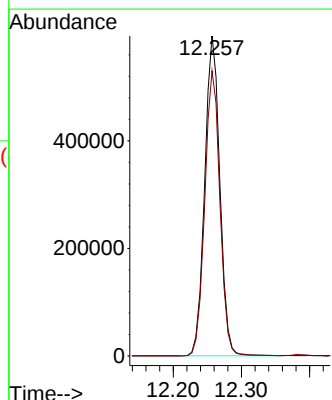
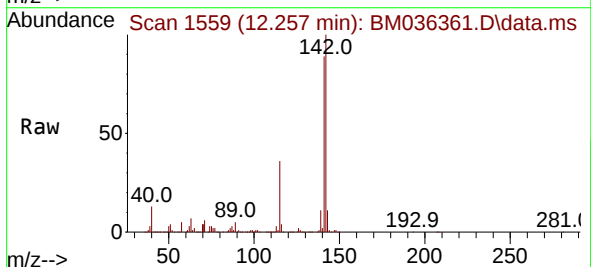
Instrument :
BNA_M
ClientSampleId :

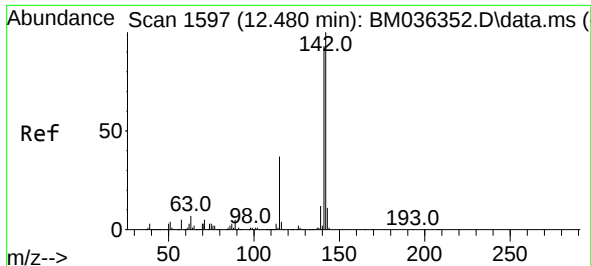
Tgt Ion:107 Resp: 390785
Ion Ratio Lower Upper
107 100
144 25.6 20.3 30.5
142 80.0 64.4 96.6



#36
2-Methylnaphthalene
Concen: 20.605 ng/ul
RT: 12.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:142 Resp: 916665
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1





#37

1-Methylnaphthalene

Concen: 20.741 ng/ul

RT: 12.474 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

Instrument :

BNA_M

ClientSampleId :

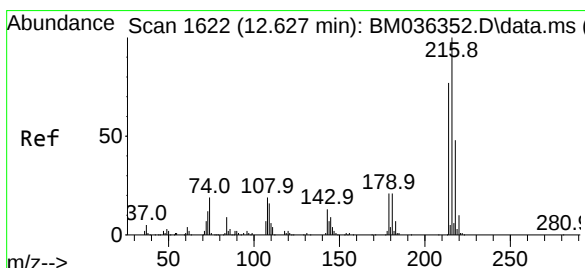
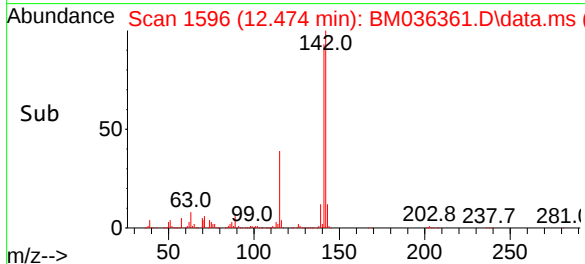
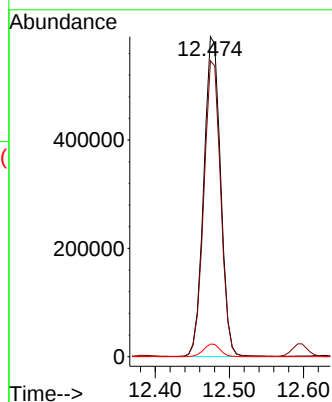
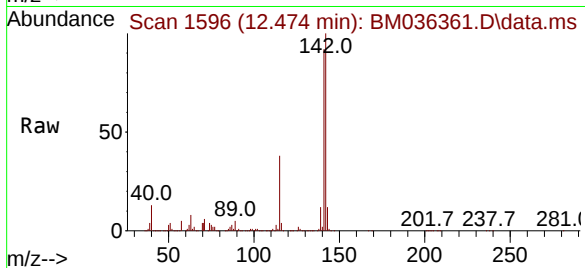
Tgt Ion:142 Resp: 929235

Ion Ratio Lower Upper

142 100

141 92.5 75.2 112.8

116 3.9 2.6 3.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.345 ng/ul

RT: 12.621 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

Tgt Ion:216 Resp: 432410

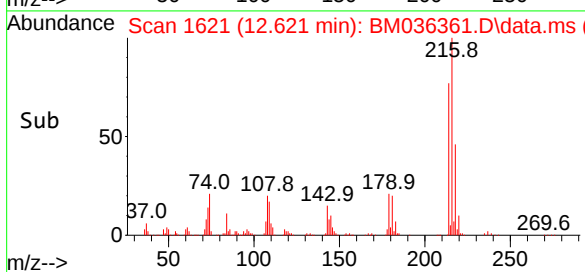
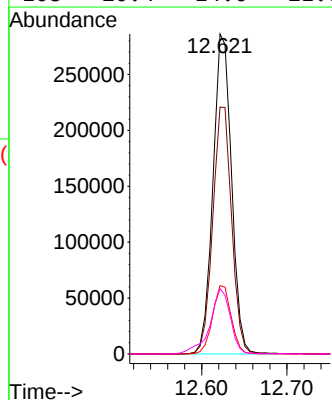
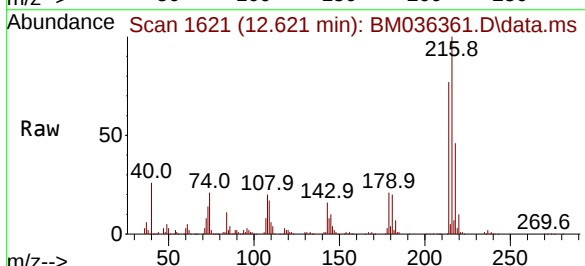
Ion Ratio Lower Upper

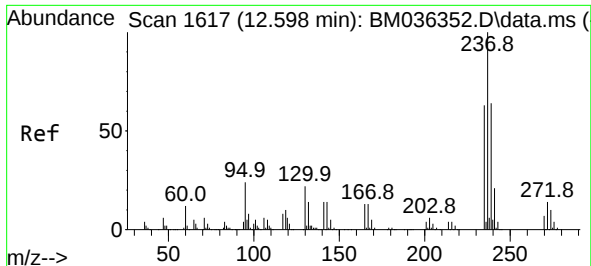
216 100

214 77.2 62.4 93.6

179 21.4 17.3 25.9

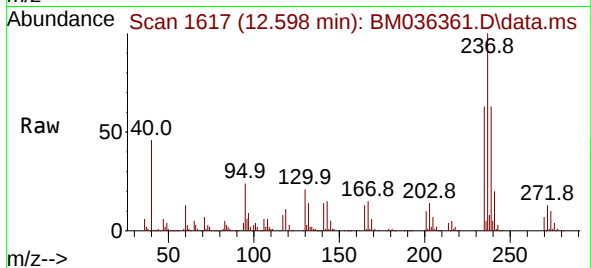
108 20.4 14.0 21.0



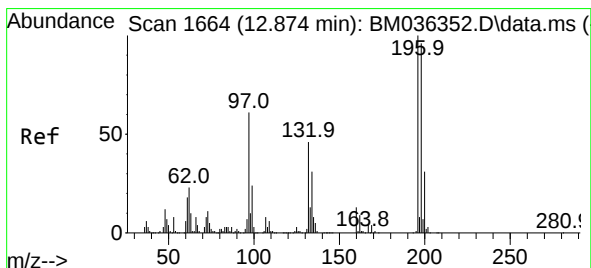
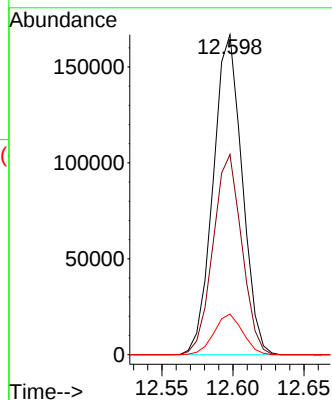
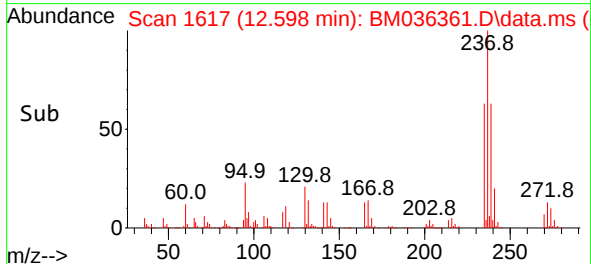


#40
Hexachlorocyclopentadiene
Concen: 16.931 ng/ul
RT: 12.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

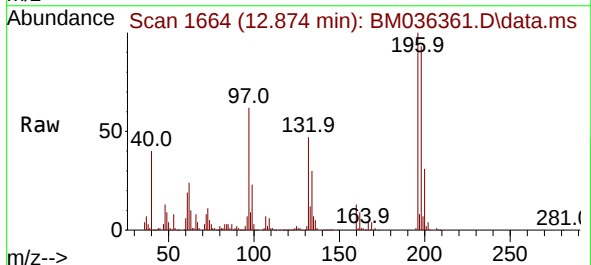
Instrument :
BNA_M
ClientSampleId :



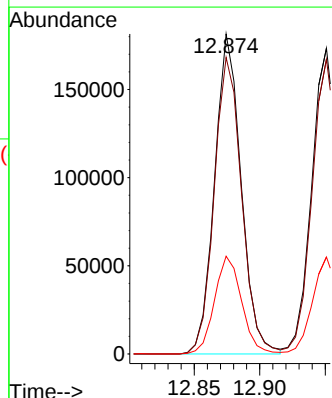
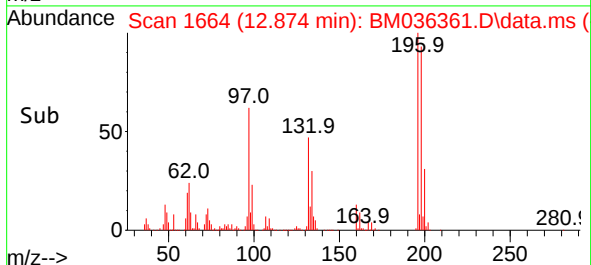
Tgt Ion:237 Resp: 236756
Ion Ratio Lower Upper
237 100
235 62.6 48.4 72.6
272 12.7 11.6 17.4

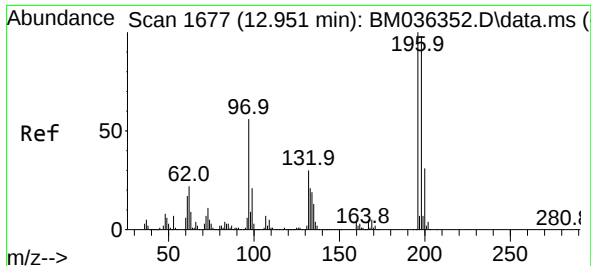


#41
2,4,6-Trichlorophenol
Concen: 17.254 ng/ul
RT: 12.874 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00



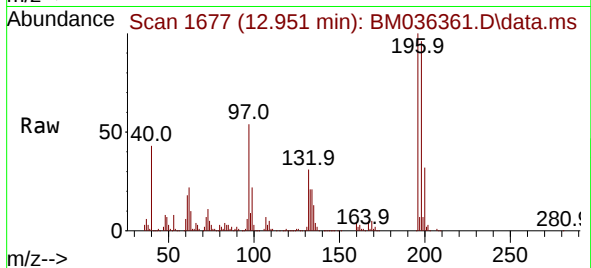
Tgt Ion:196 Resp: 255920
Ion Ratio Lower Upper
196 100
198 92.7 77.8 116.6
200 30.6 25.0 37.6



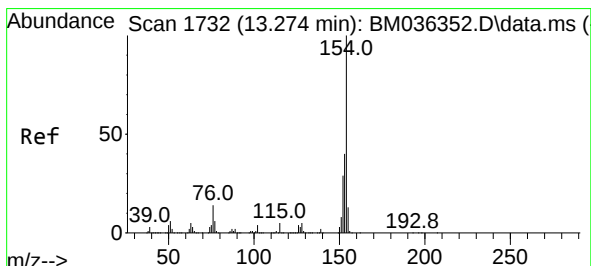
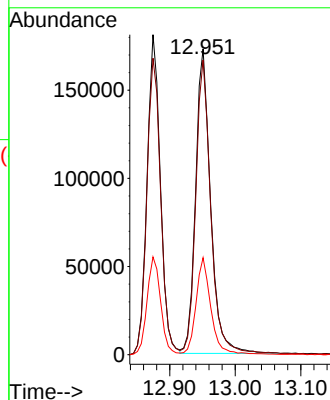
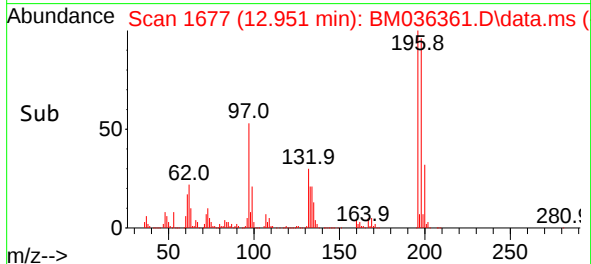


#42
2,4,5-Trichlorophenol
Concen: 17.531 ng/ul
RT: 12.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Instrument :
BNA_M
ClientSampleId :

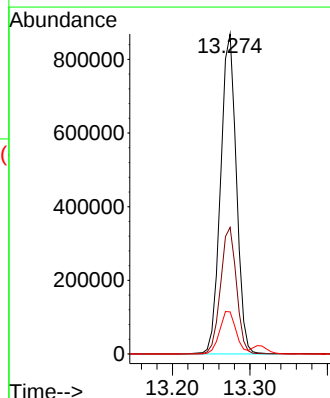
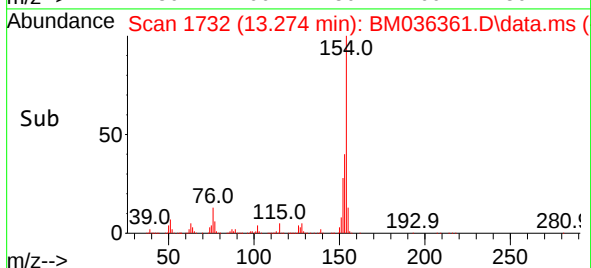
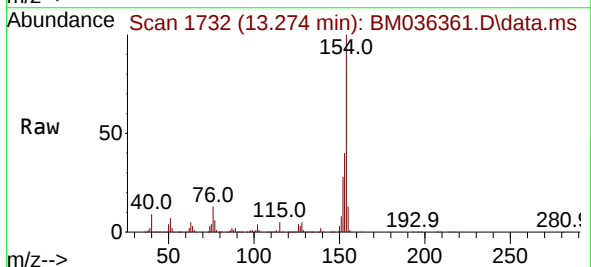


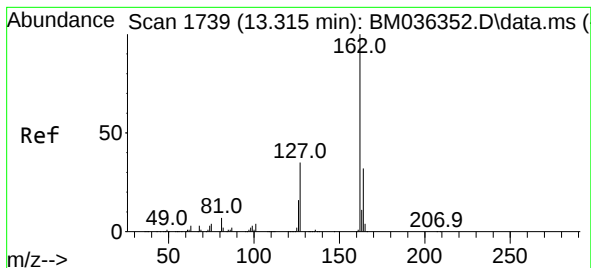
Tgt Ion:196 Resp: 275809
Ion Ratio Lower Upper
196 100
198 96.4 76.8 115.2
200 31.7 24.9 37.3



#43
1,1'-Biphenyl
Concen: 19.201 ng/ul
RT: 13.274 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:154 Resp: 1231515
Ion Ratio Lower Upper
154 100
153 39.6 32.4 48.6
76 13.1 10.1 15.1





#44

2-Chloronaphthalene

Concen: 18.789 ng/ul

RT: 13.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

Instrument :

BNA_M

ClientSampleId :

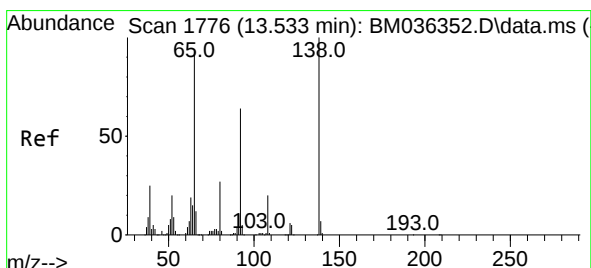
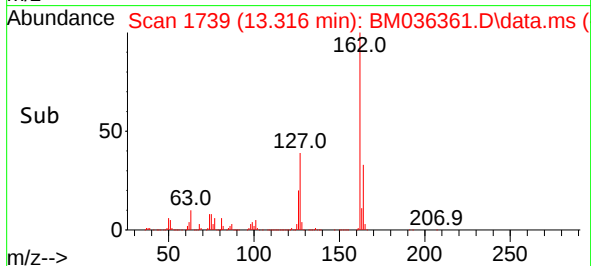
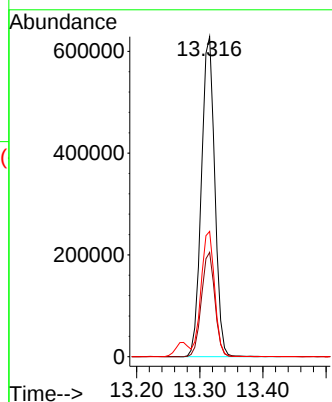
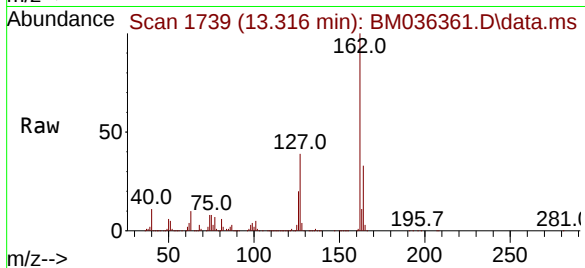
Tgt Ion:162 Resp: 924767

Ion Ratio Lower Upper

162 100

164 32.6 25.4 38.0

127 39.2 31.6 47.4



#45

2-Nitroaniline

Concen: 19.684 ng/ul

RT: 13.533 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

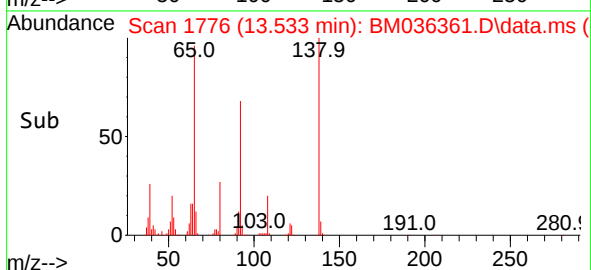
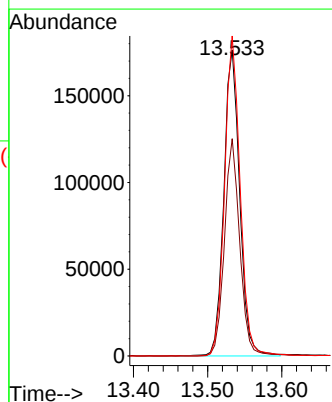
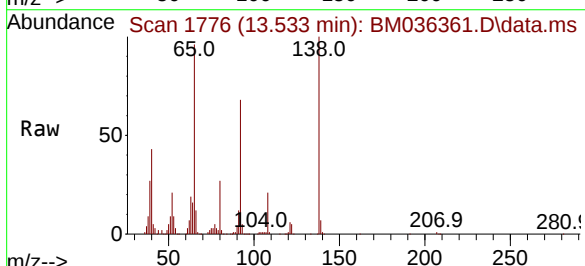
Tgt Ion: 65 Resp: 262340

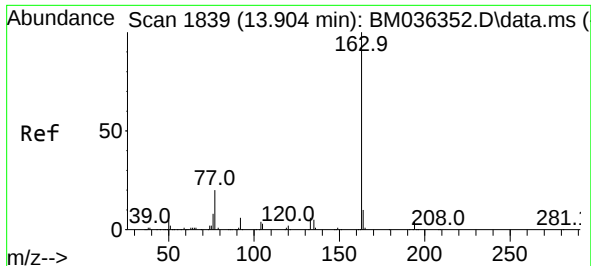
Ion Ratio Lower Upper

65 100

92 71.0 54.5 81.7

138 104.6 91.2 136.8

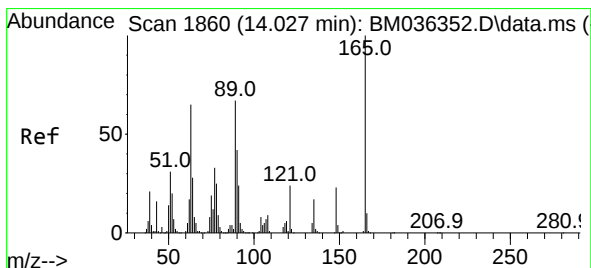
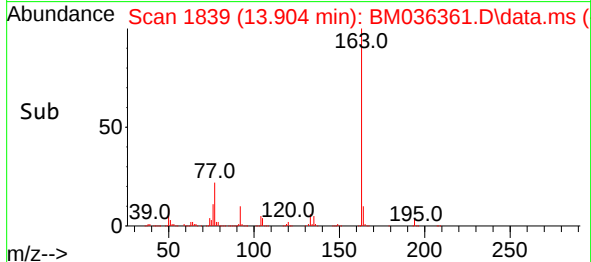
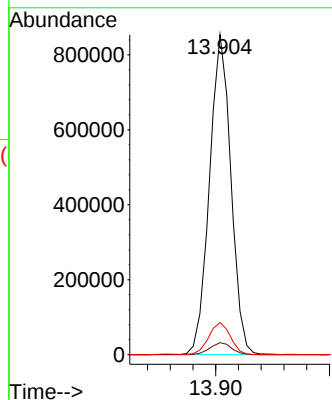
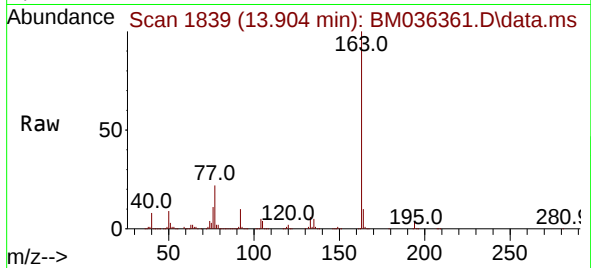




#47
Dimethylphthalate
Concen: 20.094 ng/ul
RT: 13.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

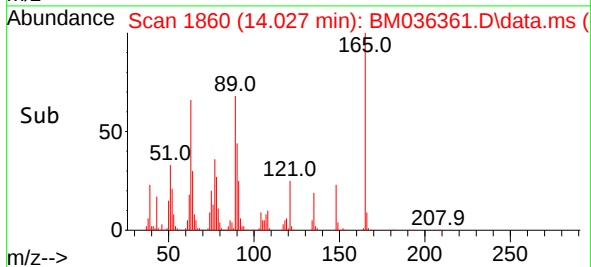
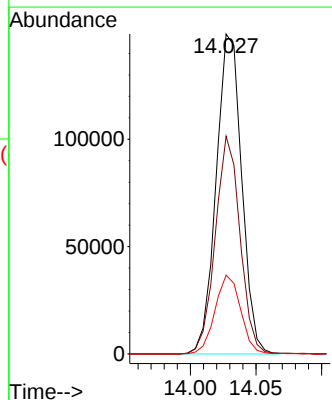
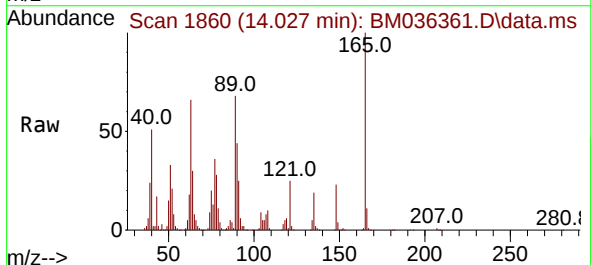
Instrument :
BNA_M
ClientSampleId :

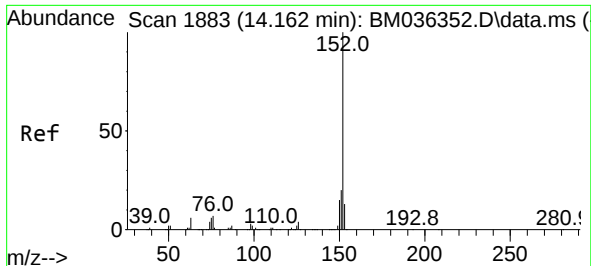
Tgt Ion:163 Resp: 1115941
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 19.258 ng/ul
RT: 14.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:165 Resp: 201788
Ion Ratio Lower Upper
165 100
89 68.0 42.5 63.7#
121 24.7 17.2 25.8

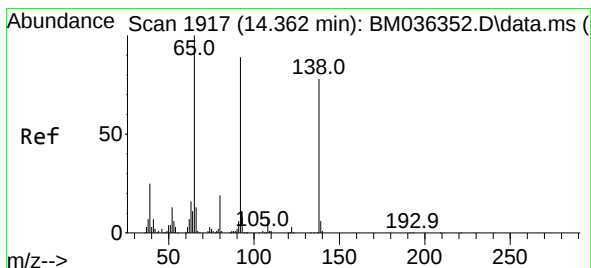
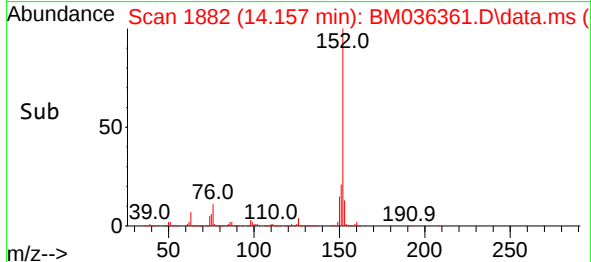
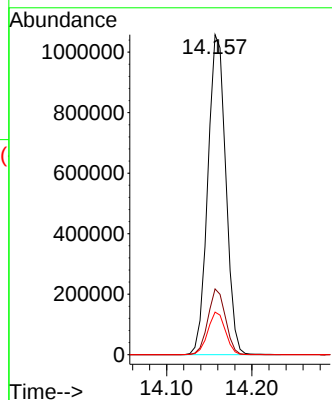
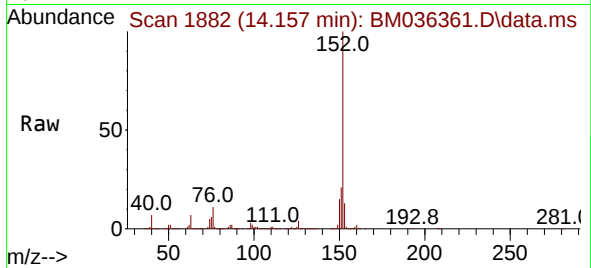




#50
Acenaphthylene
Concen: 19.477 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

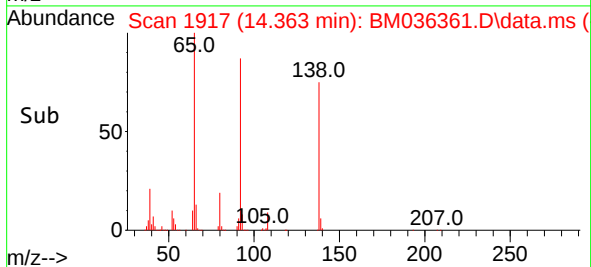
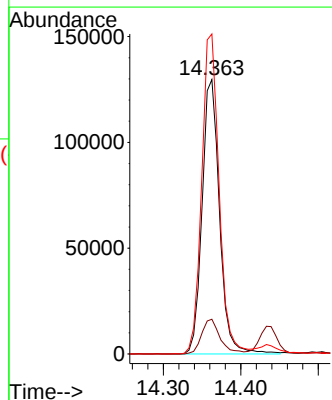
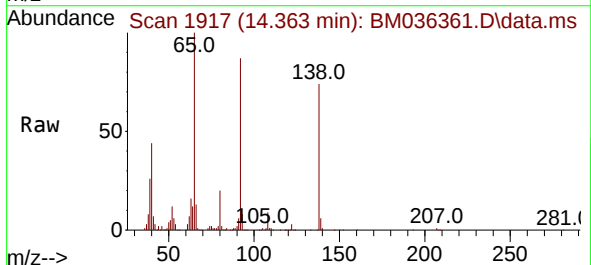
Instrument :
BNA_M
ClientSampleId :

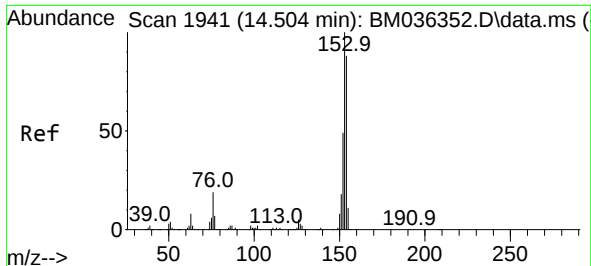
Tgt Ion:152 Resp: 1545562
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 13.3 10.6 15.8



#51
3-Nitroaniline
Concen: 17.694 ng/ul
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:138 Resp: 202753
Ion Ratio Lower Upper
138 100
108 12.6 8.1 12.1#
92 116.6 90.4 135.6

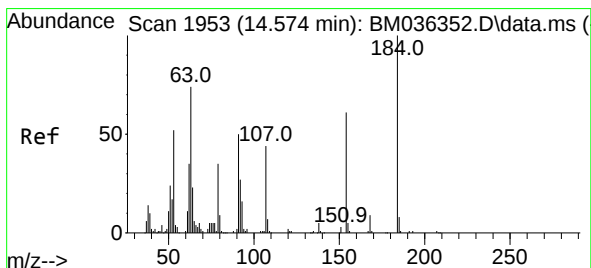
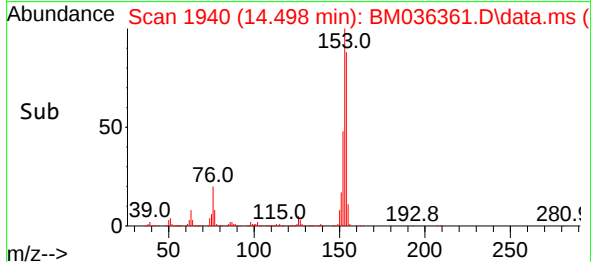
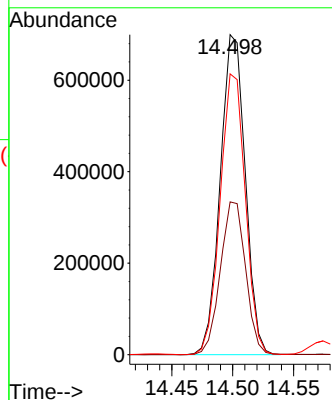
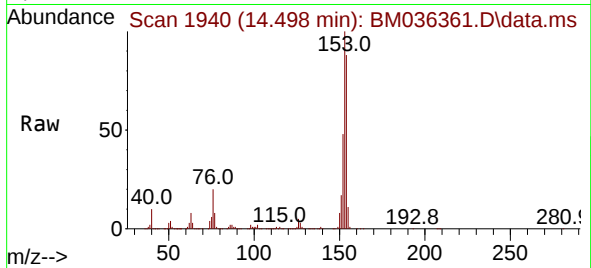




#52
Acenaphthene
Concen: 19.397 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

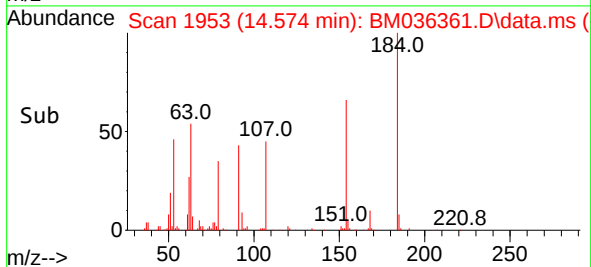
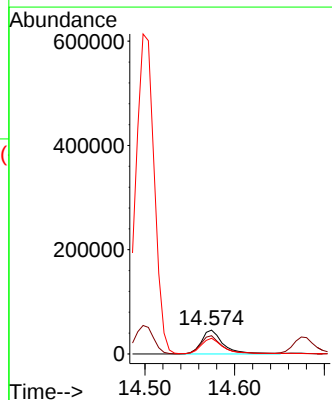
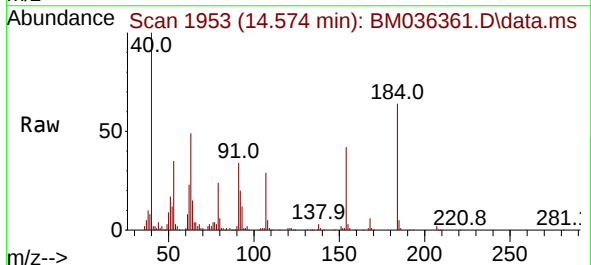
Instrument :
BNA_M
ClientSampleId :

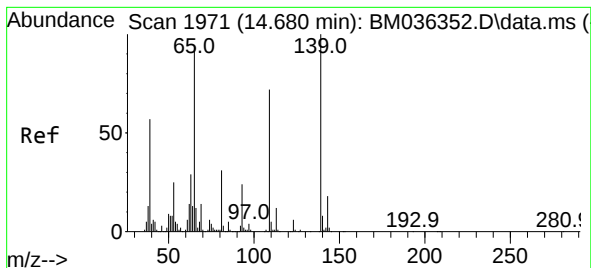
Tgt Ion:153 Resp: 1003245
Ion Ratio Lower Upper
153 100
152 47.8 37.1 55.7
154 87.8 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 13.460 ng/ul
RT: 14.574 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:184 Resp: 76859
Ion Ratio Lower Upper
184 100
63 76.4 54.2 81.4
154 65.5 49.3 73.9

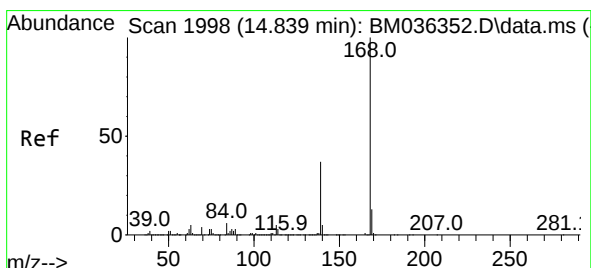
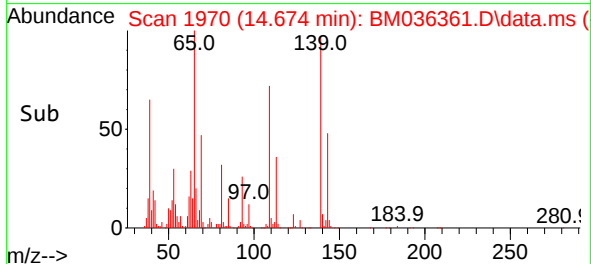
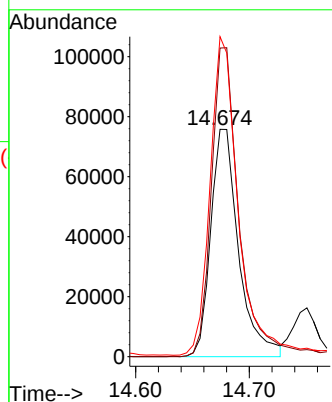
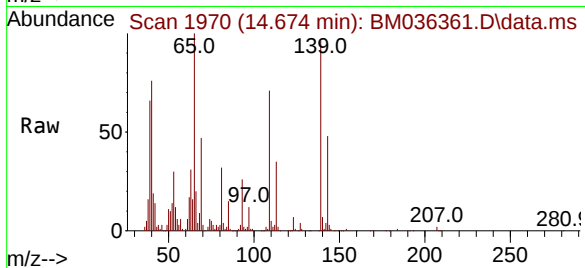




#55
4-Nitrophenol
Concen: 16.019 ng/ul
RT: 14.674 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

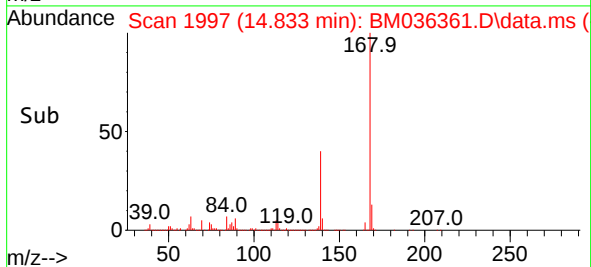
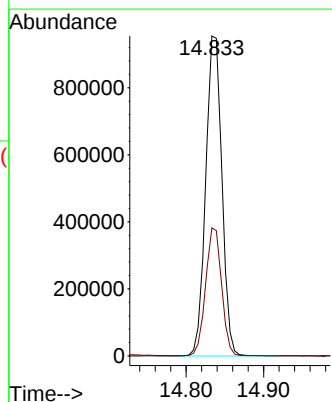
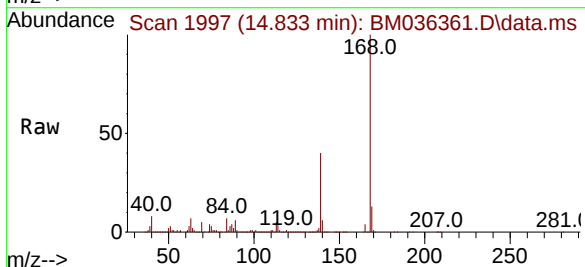
Instrument :
BNA_M
ClientSampleId :

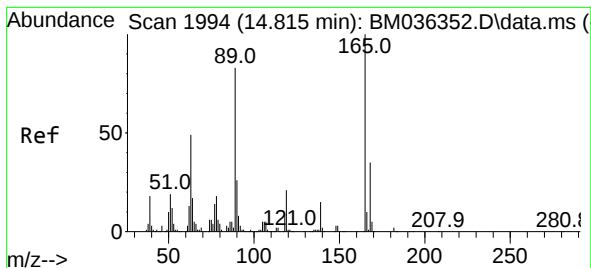
Tgt Ion:109 Resp: 129386
Ion Ratio Lower Upper
109 100
139 135.7 124.9 187.3
65 140.8 122.2 183.4



#56
Dibenzofuran
Concen: 19.289 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:168 Resp: 1384286
Ion Ratio Lower Upper
168 100
139 40.1 30.1 45.1

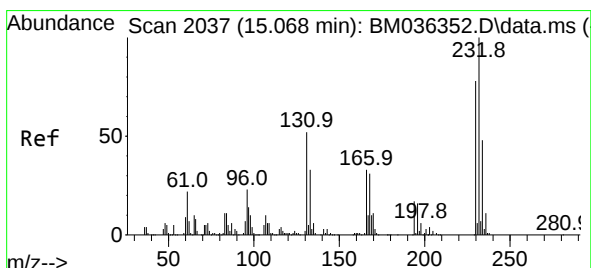
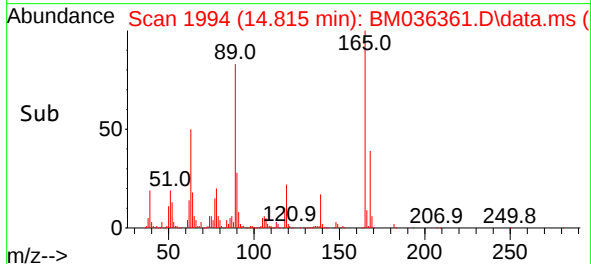
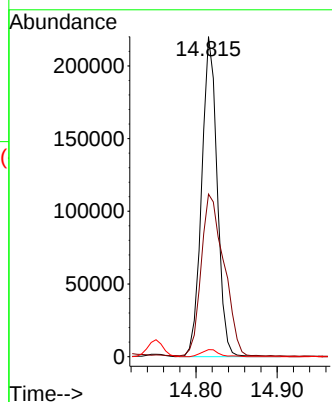
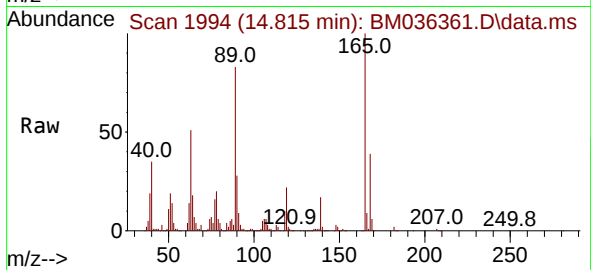




#57
 2,4-Dinitrotoluene
 Concen: 19.670 ng/ul
 RT: 14.815 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: BM036361.D
 Acq: 22 Aug 2022 12:00

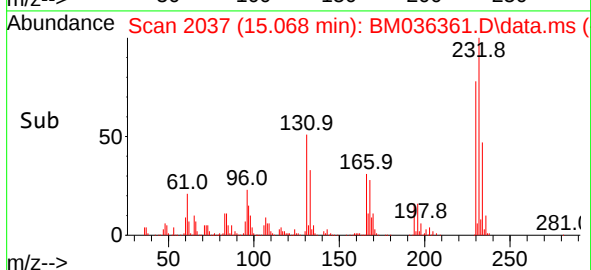
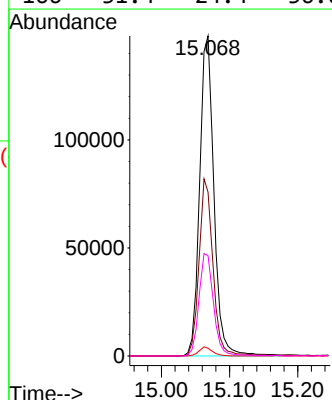
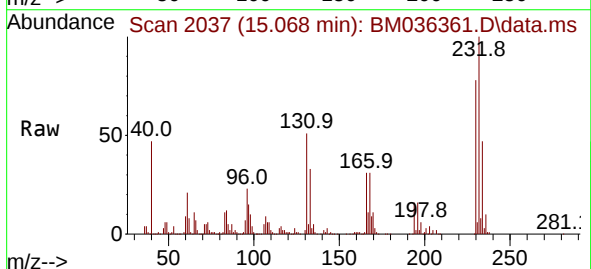
Instrument :
 BNA_M
 ClientSampleId :

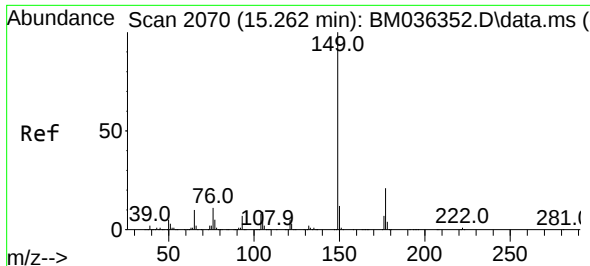
Tgt Ion:165 Resp: 292302
 Ion Ratio Lower Upper
 165 100
 63 50.8 35.9 53.9
 182 2.2 2.5 3.7#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 18.114 ng/ul
 RT: 15.068 min Scan# 2037
 Delta R.T. 0.000 min
 Lab File: BM036361.D
 Acq: 22 Aug 2022 12:00

Tgt Ion:232 Resp: 216382
 Ion Ratio Lower Upper
 232 100
 131 51.2 36.7 55.1
 130 2.4 1.7 2.5
 166 31.4 24.4 36.6

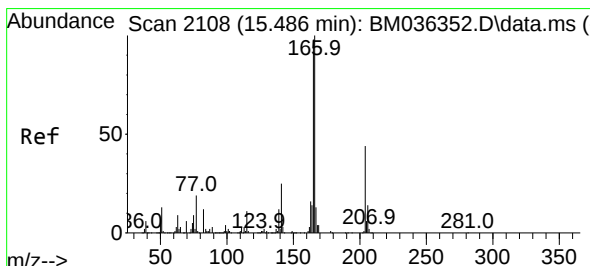
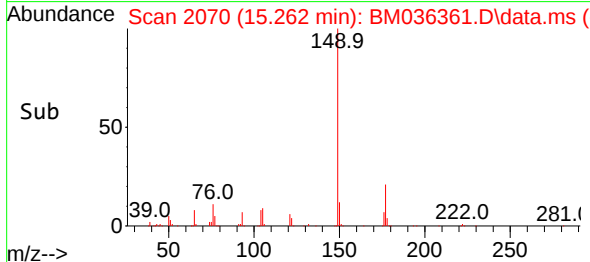
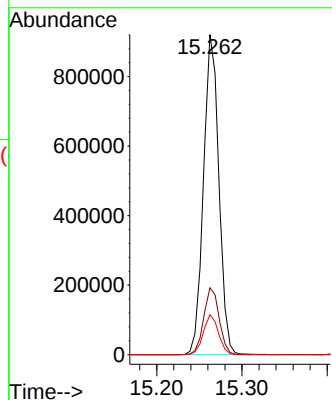
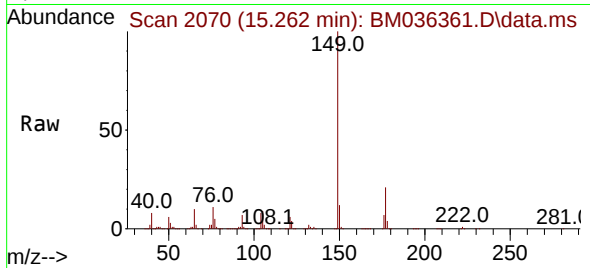




#59
Diethylphthalate
Concen: 21.040 ng/ul
RT: 15.262 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

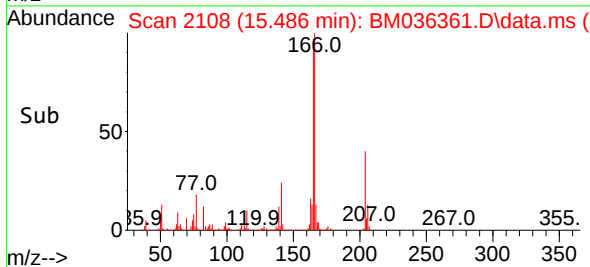
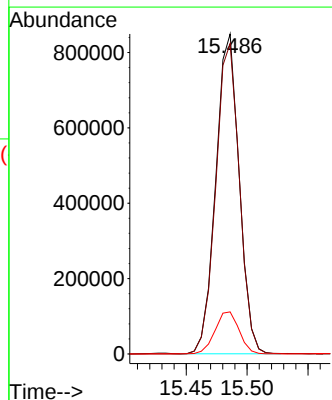
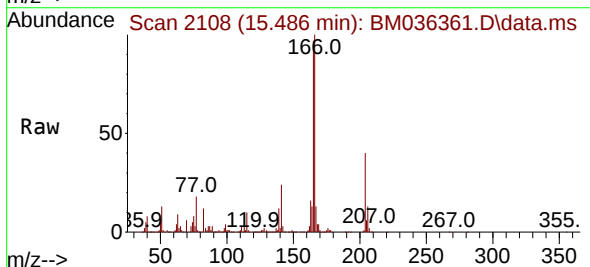
Instrument :
BNA_M
ClientSampleId :

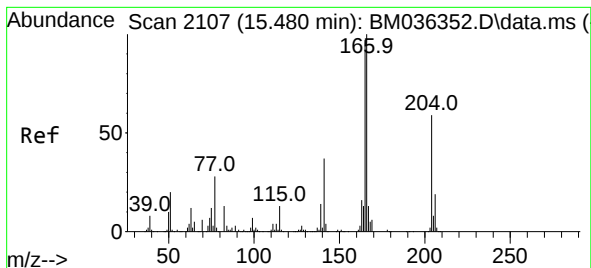
Tgt Ion:149 Resp: 1151820
Ion Ratio Lower Upper
149 100
177 20.9 16.8 25.2
150 12.5 10.2 15.4



#61
Fluorene
Concen: 19.893 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:166 Resp: 1132366
Ion Ratio Lower Upper
166 100
165 97.0 77.2 115.8
167 13.2 11.0 16.4

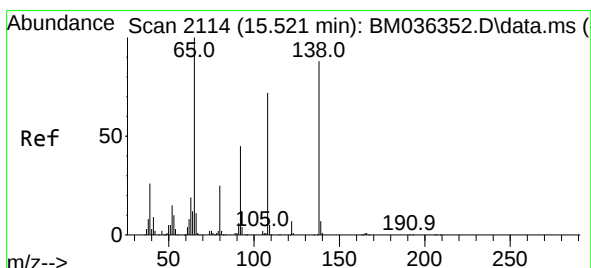
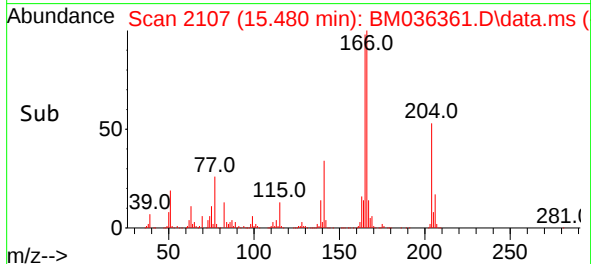
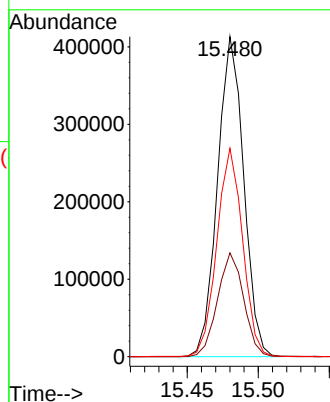
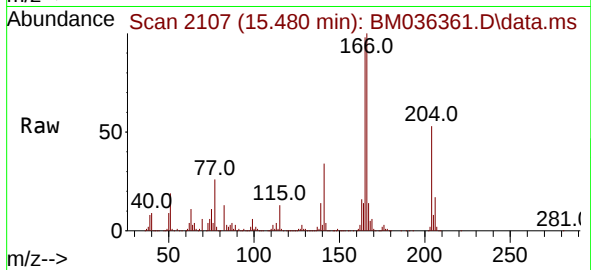




#62
4-Chlorophenyl-phenylether
Concen: 19.926 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

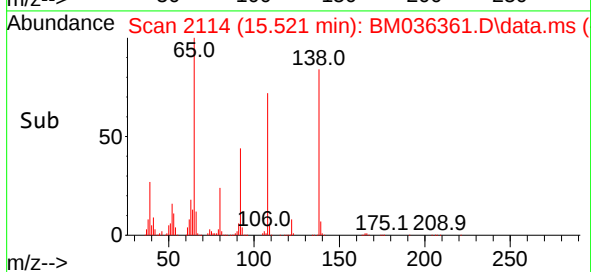
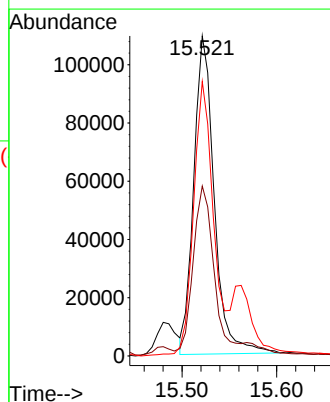
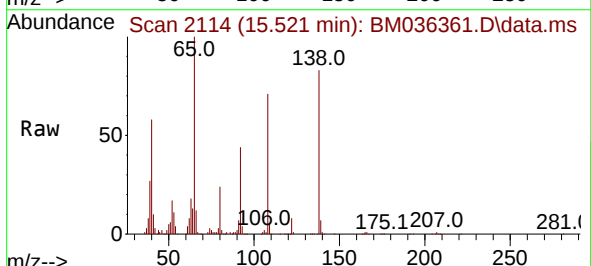
Instrument :
BNA_M
ClientSampleId :

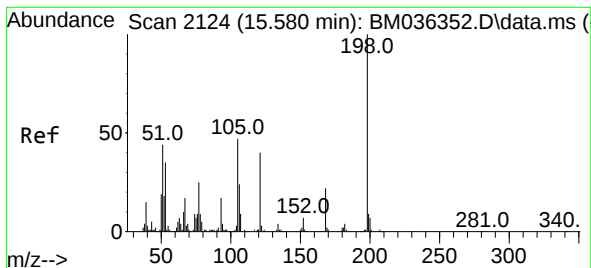
Tgt Ion:204 Resp: 529823
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 65.1 50.6 75.8



#63
4-Nitroaniline
Concen: 15.386 ng/ul
RT: 15.521 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:138 Resp: 164465
Ion Ratio Lower Upper
138 100
92 53.1 39.2 58.8
108 85.7 51.6 77.4#

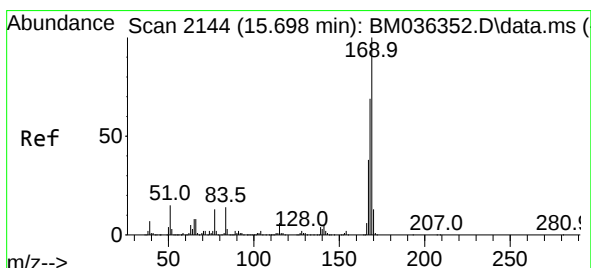
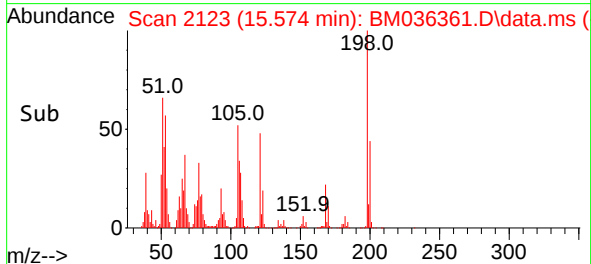
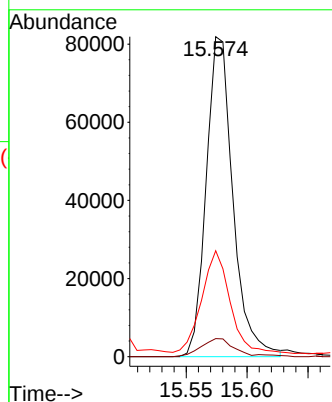
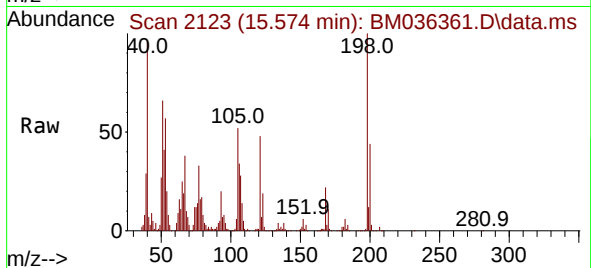




#66
4,6-Dinitro-2-methylphenol
Concen: 14.390 ng/ul
RT: 15.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

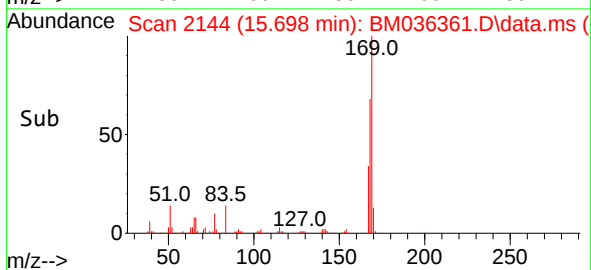
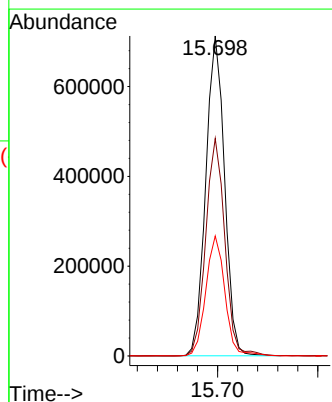
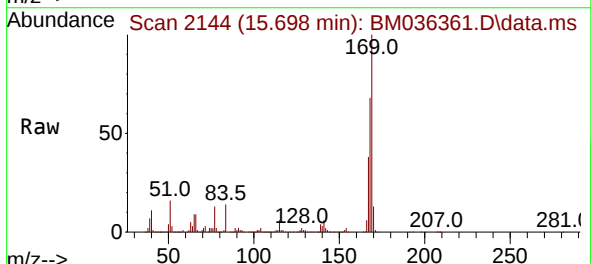
Instrument :
BNA_M
ClientSampleId :

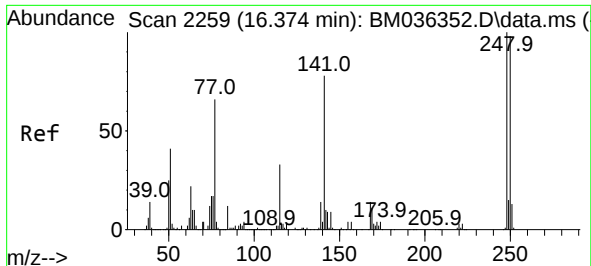
Tgt Ion:198 Resp: 125194
Ion Ratio Lower Upper
198 100
182 5.6 4.2 6.4
77 33.1 19.9 29.9#



#67
N-Nitrosodiphenylamine
Concen: 19.447 ng/ul
RT: 15.698 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:169 Resp: 930547
Ion Ratio Lower Upper
169 100
168 68.0 53.8 80.6
167 37.5 28.7 43.1

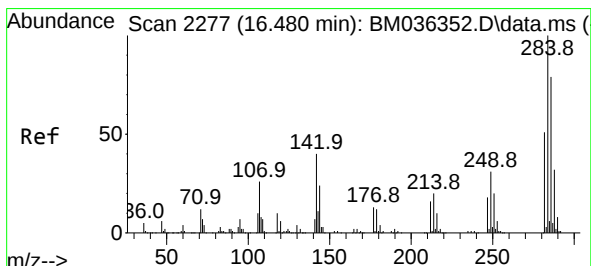
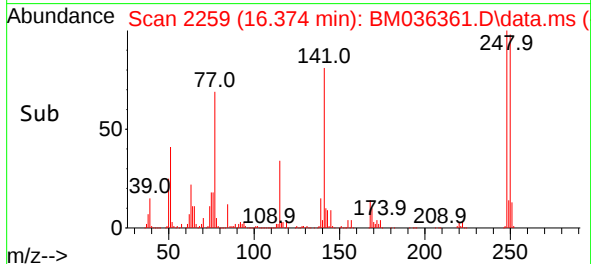
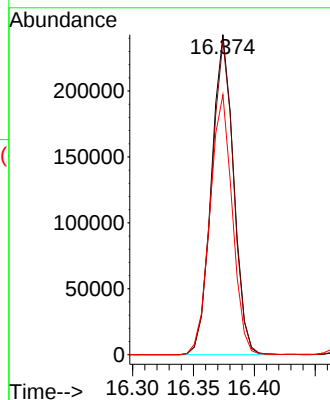
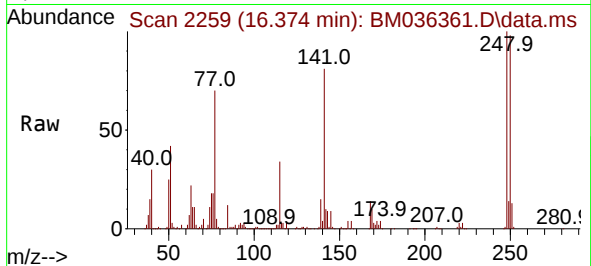




#68
4-Bromophenyl-phenylether
Concen: 19.811 ng/ul
RT: 16.374 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

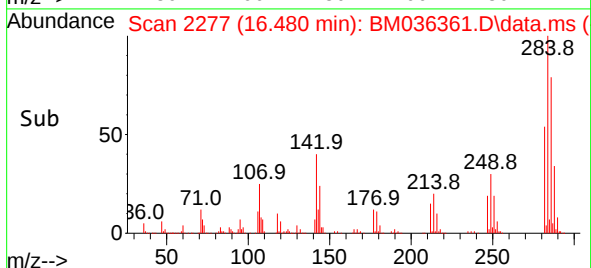
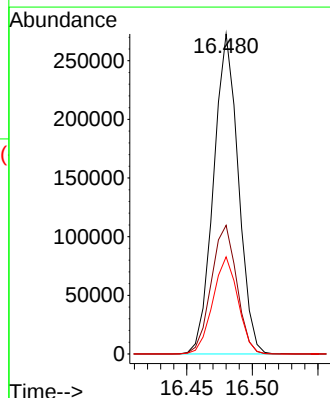
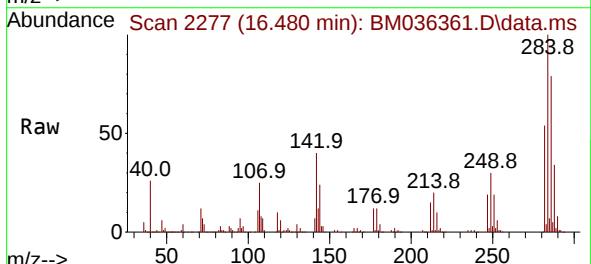
Instrument :
BNA_M
ClientSampleId :

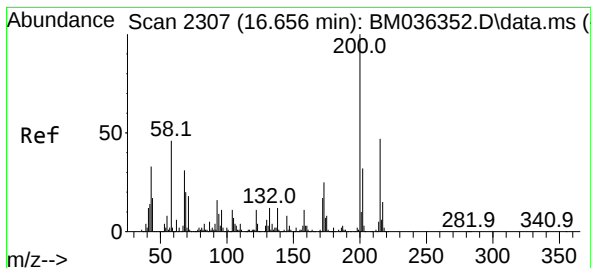
Tgt Ion:248 Resp: 307029
Ion Ratio Lower Upper
248 100
250 98.1 77.3 115.9
141 81.3 59.8 89.8



#69
Hexachlorobenzene
Concen: 19.083 ng/ul
RT: 16.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:284 Resp: 358388
Ion Ratio Lower Upper
284 100
142 40.2 28.6 42.8
249 30.4 24.6 37.0





#70

Atrazine

Concen: 19.363 ng/ul

RT: 16.656 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

Instrument :

BNA_M

ClientSampleId :

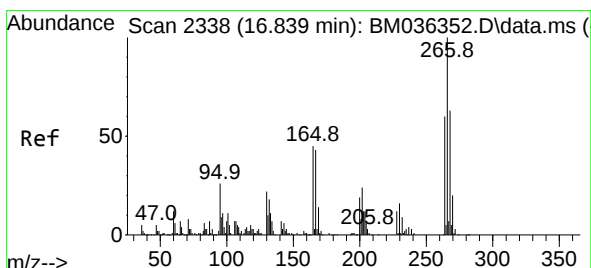
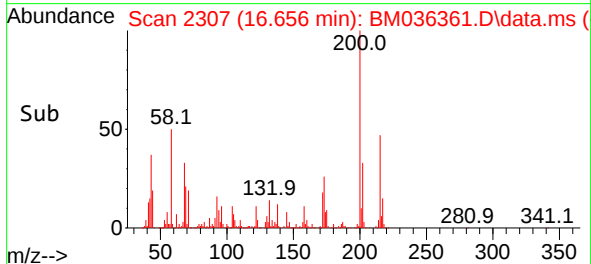
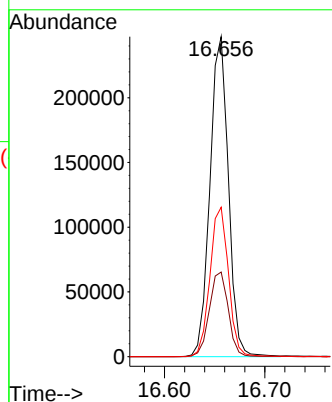
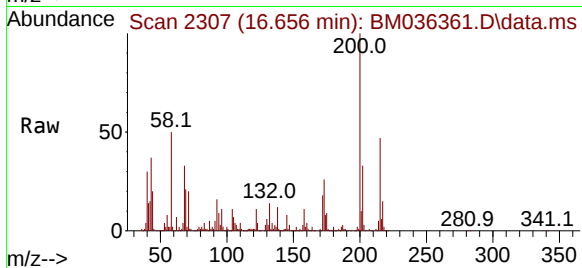
Tgt Ion:200 Resp: 316564

Ion Ratio Lower Upper

200 100

173 26.5 21.3 31.9

215 46.7 39.0 58.6



#71

Pentachlorophenol

Concen: 15.409 ng/ul

RT: 16.833 min Scan# 2337

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

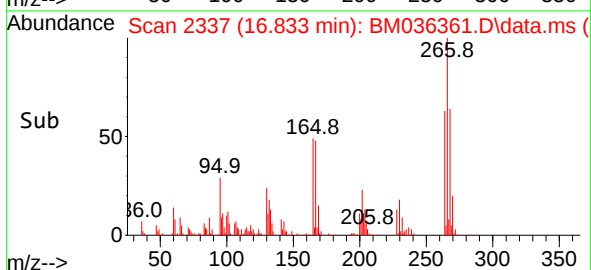
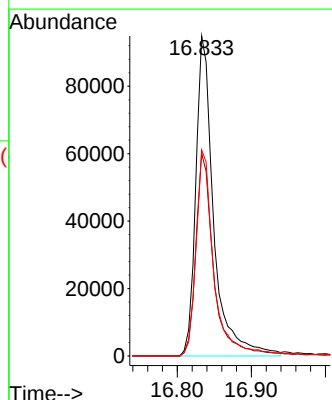
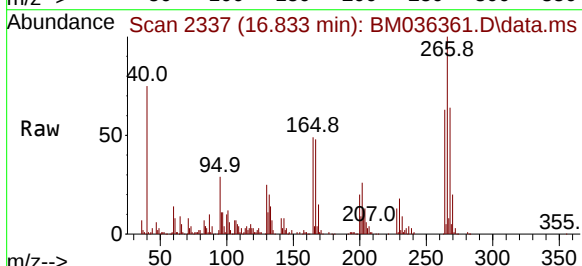
Tgt Ion:266 Resp: 159540

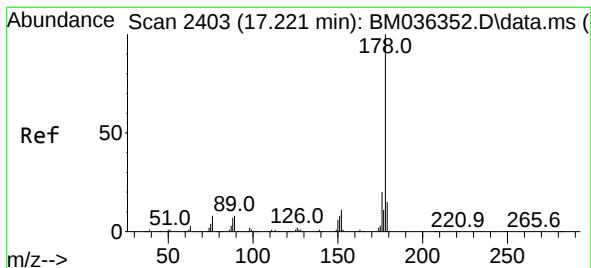
Ion Ratio Lower Upper

266 100

264 63.4 49.5 74.3

268 64.4 51.0 76.4





#72

Phenanthrene

Concen: 19.249 ng/ul

RT: 17.221 min Scan# 2403

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

Instrument :

BNA_M

ClientSampleId :

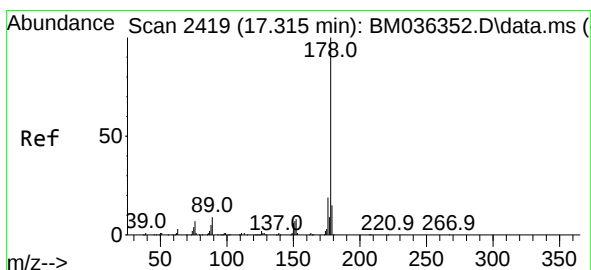
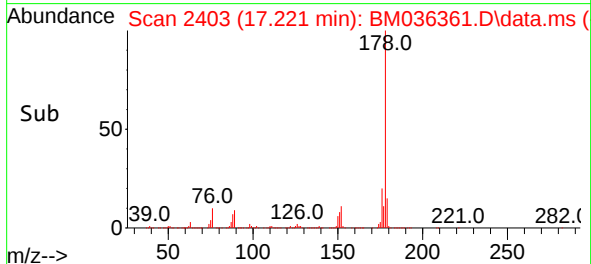
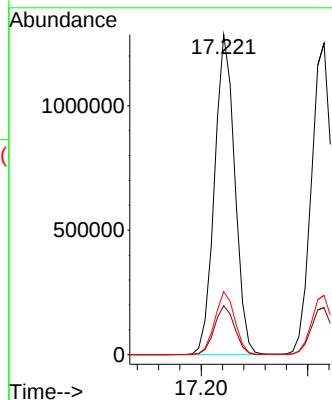
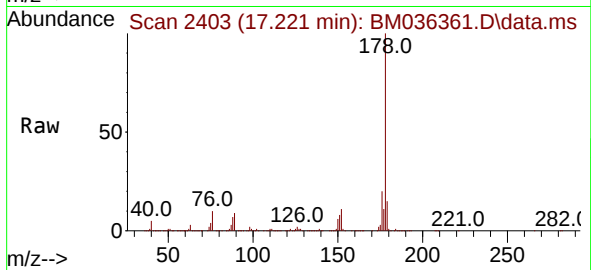
Tgt Ion:178 Resp: 1693680

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.7 14.9 22.3



#74

Anthracene

Concen: 19.518 ng/ul

RT: 17.315 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

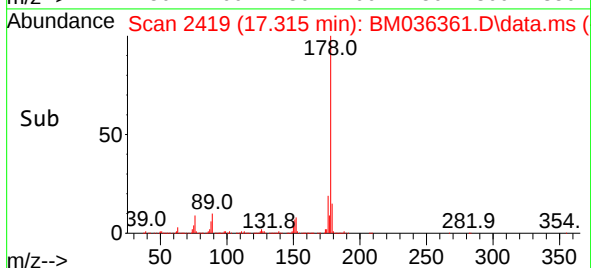
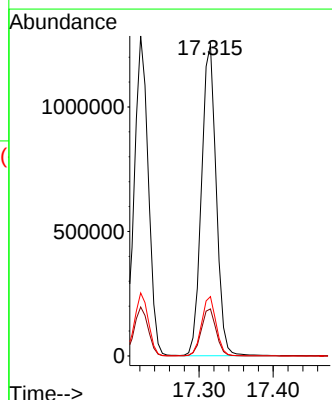
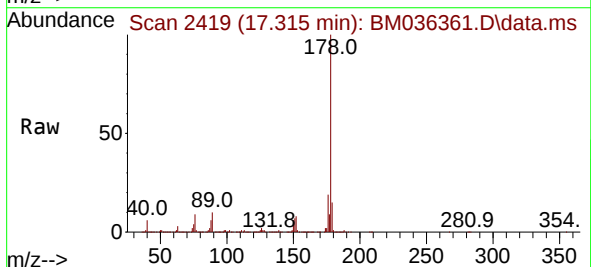
Tgt Ion:178 Resp: 1721720

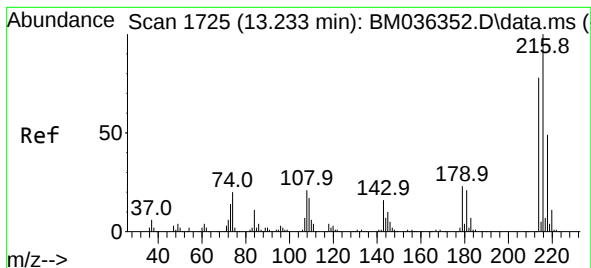
Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 19.0 14.4 21.6

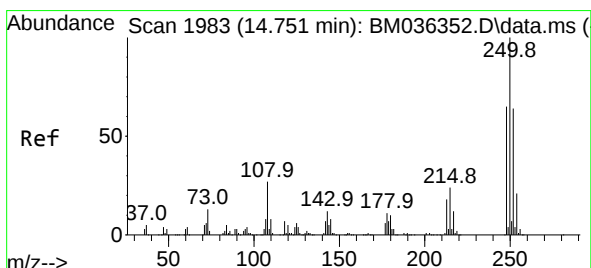
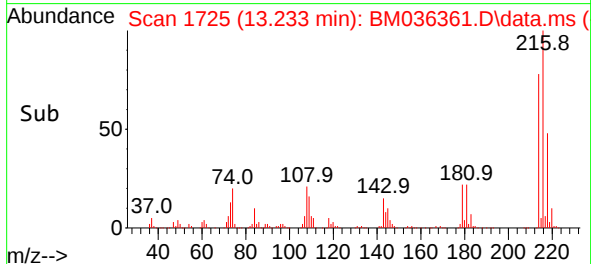
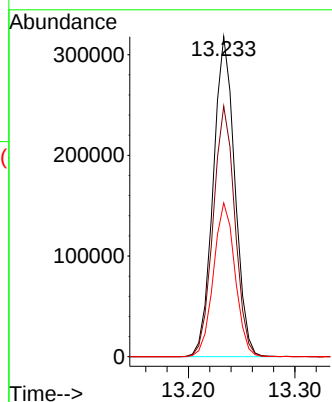
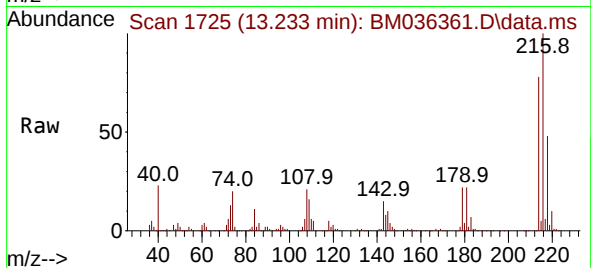




#75
1,2,3,4-Tetrachlorobenzene
Concen: 17.895 ng/uL
RT: 13.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

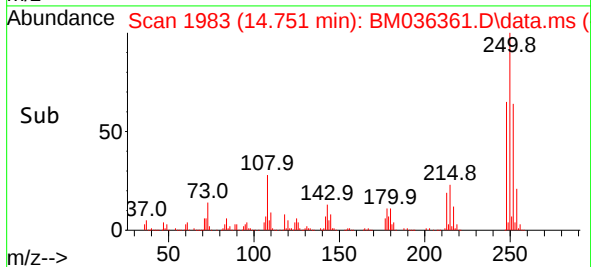
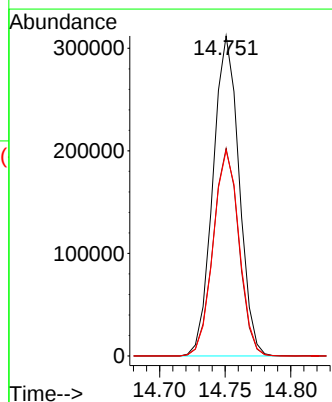
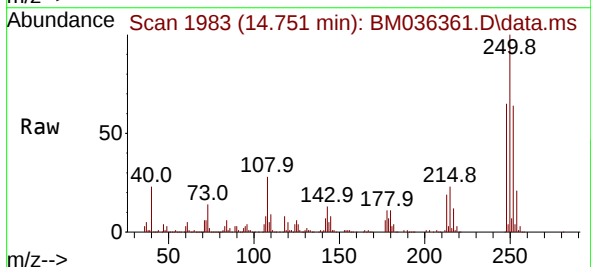
Instrument :
BNA_M
ClientSampleId :

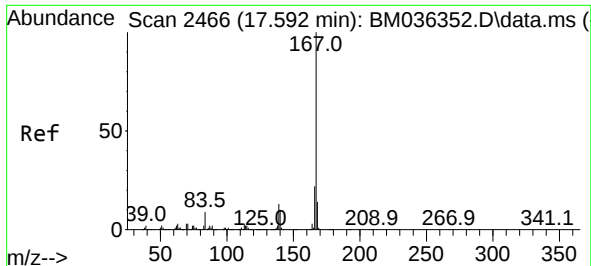
Tgt Ion:216 Resp: 449383
Ion Ratio Lower Upper
216 100
214 78.3 60.9 91.3
218 48.0 37.5 56.3



#76
Pentachlorobenzene
Concen: 18.440 ng/uL
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:250 Resp: 432394
Ion Ratio Lower Upper
250 100
248 64.9 50.4 75.6
252 64.2 51.1 76.7

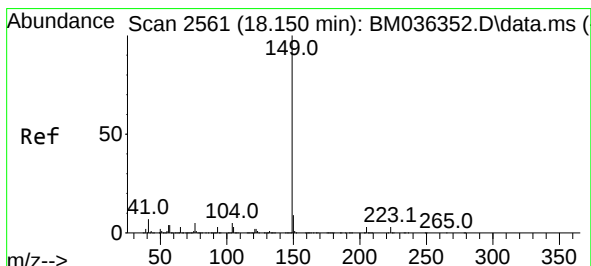
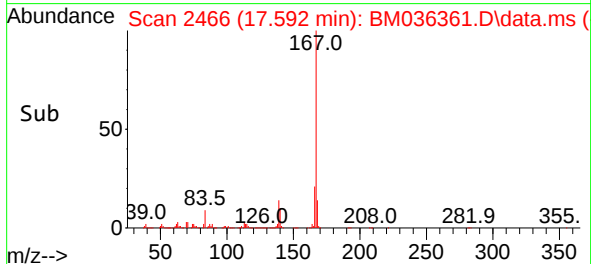
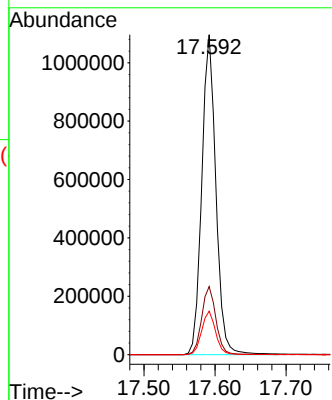
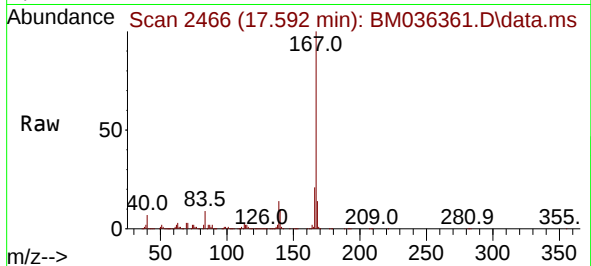




#77
 Carbazole
 Concen: 18.385 ng/ul
 RT: 17.592 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BM036361.D
 Acq: 22 Aug 2022 12:00

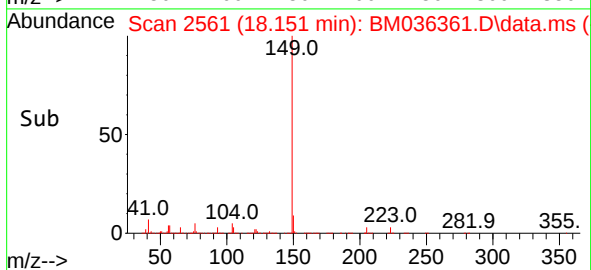
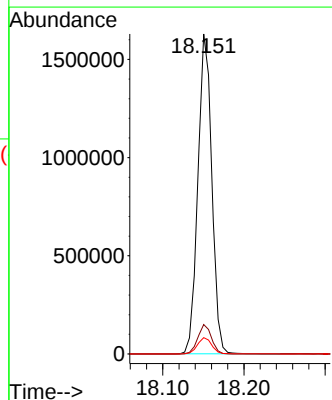
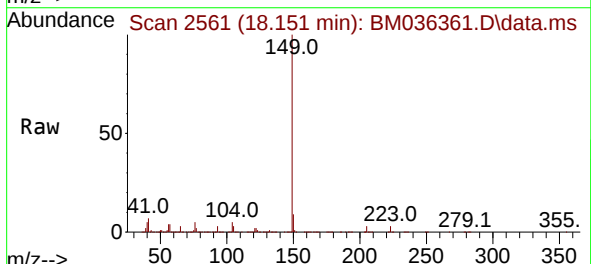
Instrument :
 BNA_M
 ClientSampleId :

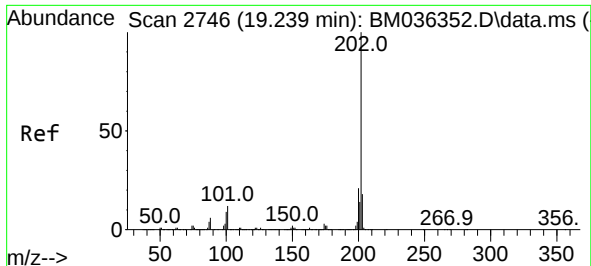
Tgt Ion:167 Resp: 1518455
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.6 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 21.497 ng/ul
 RT: 18.151 min Scan# 2561
 Delta R.T. 0.000 min
 Lab File: BM036361.D
 Acq: 22 Aug 2022 12:00

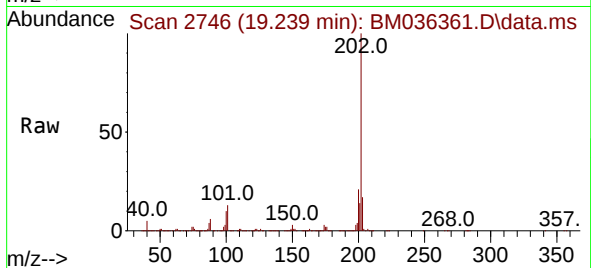
Tgt Ion:149 Resp: 1941956
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.1 3.7 5.5



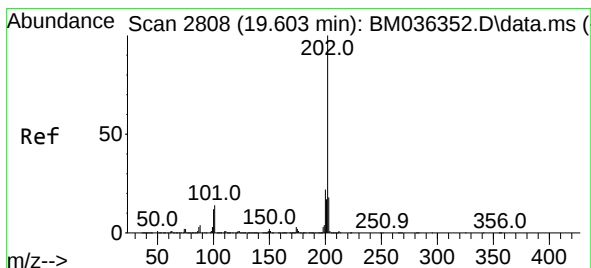
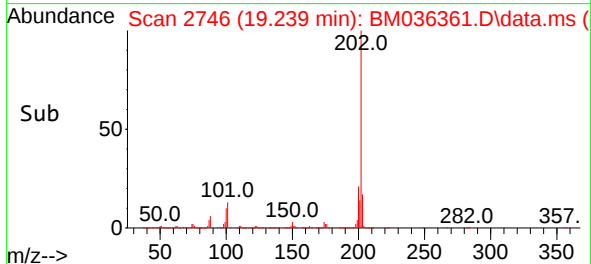
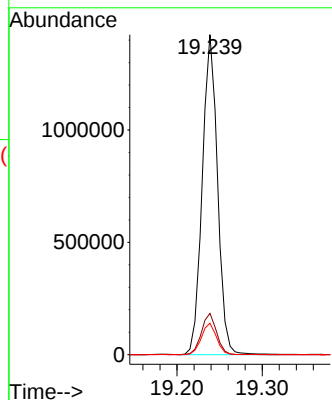


#80
Fluoranthene
Concen: 23.170 ng/ul
RT: 19.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Instrument :
BNA_M
ClientSampleId :

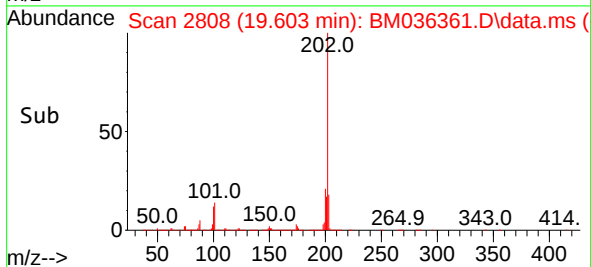
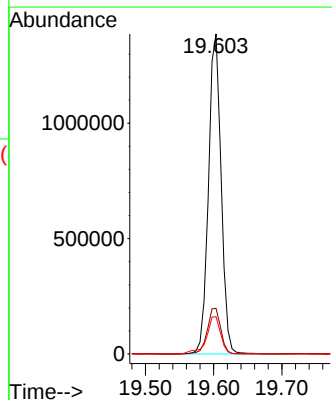
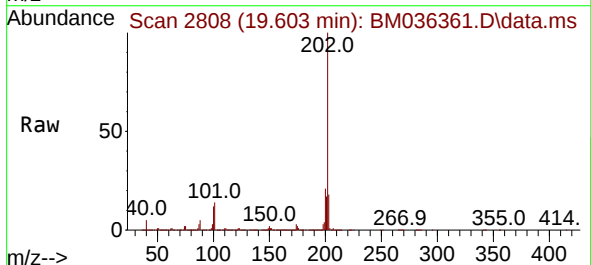


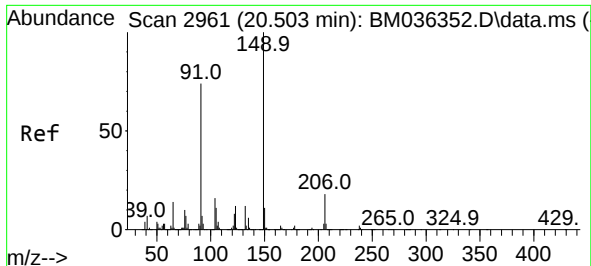
Tgt Ion:202 Resp: 1770090
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 9.8 7.8 11.6



#82
Pyrene
Concen: 22.417 ng/ul
RT: 19.603 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:202 Resp: 1787149
Ion Ratio Lower Upper
202 100
101 14.3 11.9 17.9
100 11.7 10.2 15.4

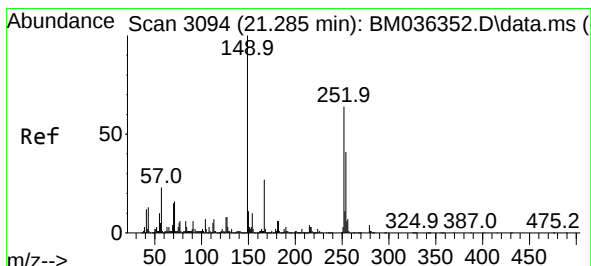
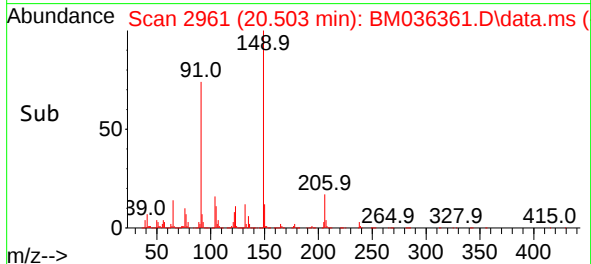
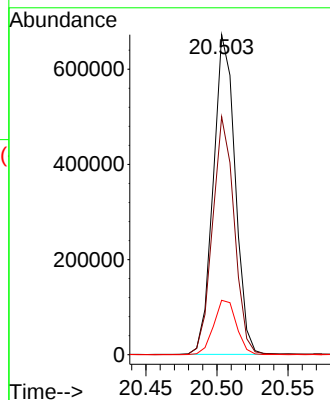
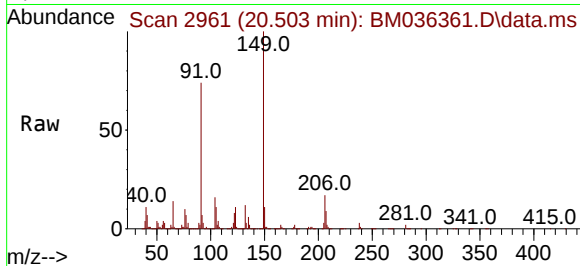




#83
Butylbenzylphthalate
Concen: 24.191 ng/ul
RT: 20.503 min Scan# 2961
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

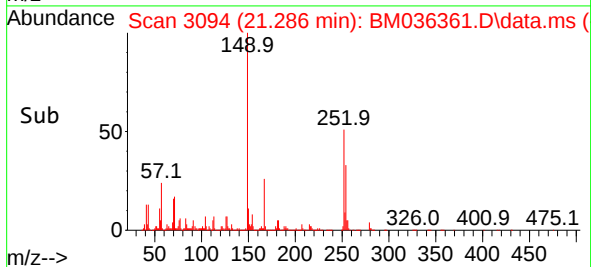
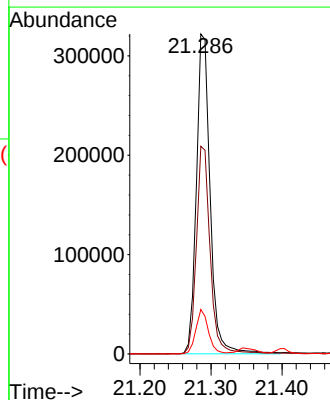
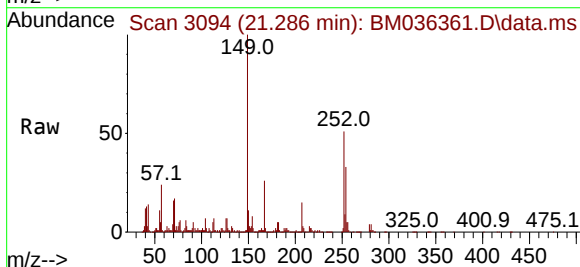
Instrument :
BNA_M
ClientSampleId :

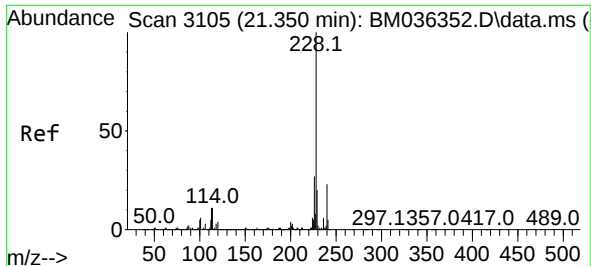
Tgt Ion:149 Resp: 721499
Ion Ratio Lower Upper
149 100
91 74.4 53.2 79.8
206 17.0 16.0 24.0



#84
3,3'-Dichlorobenzidine
Concen: 17.342 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:252 Resp: 435170
Ion Ratio Lower Upper
252 100
254 64.9 52.4 78.6
126 13.9 10.8 16.2

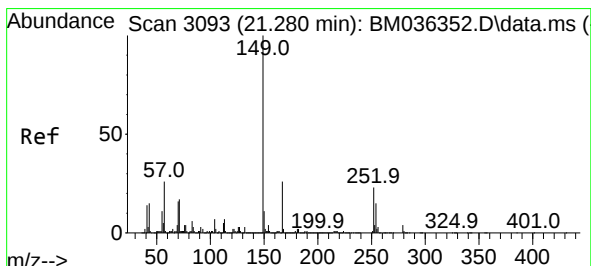
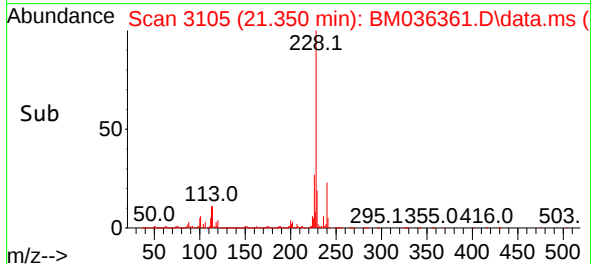
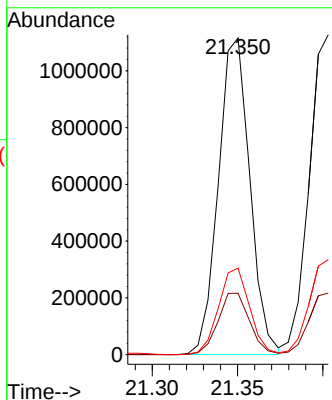
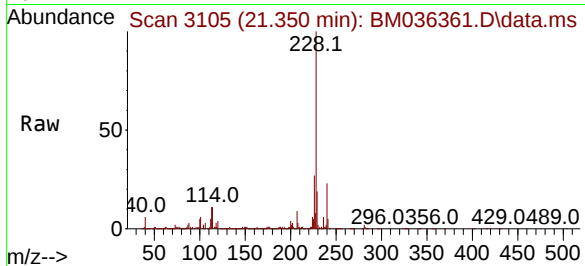




#85
Benzo(a)anthracene
Concen: 19.570 ng/ul
RT: 21.350 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

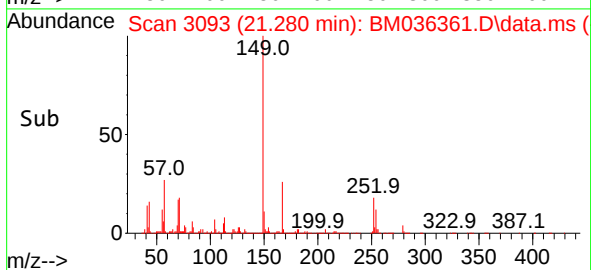
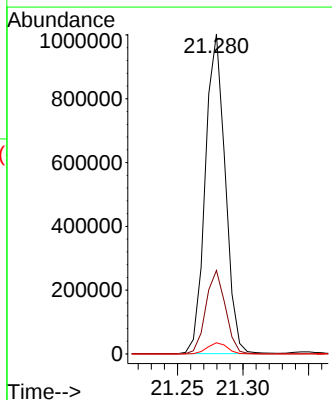
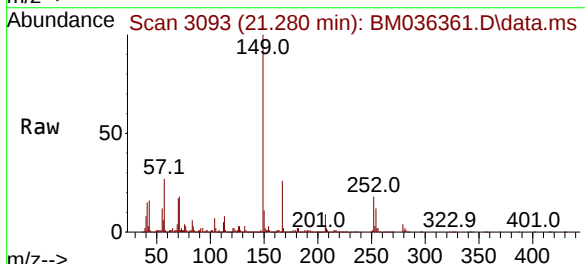
Instrument :
BNA_M
ClientSampleId :

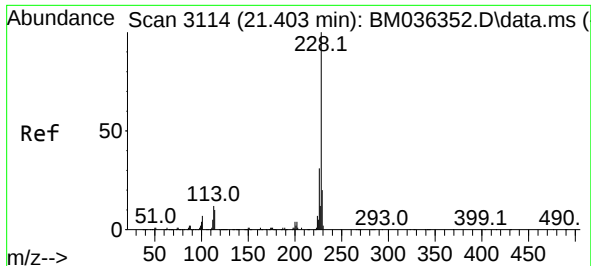
Tgt Ion:228 Resp: 1433115
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 27.3 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 25.683 ng/ul
RT: 21.280 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

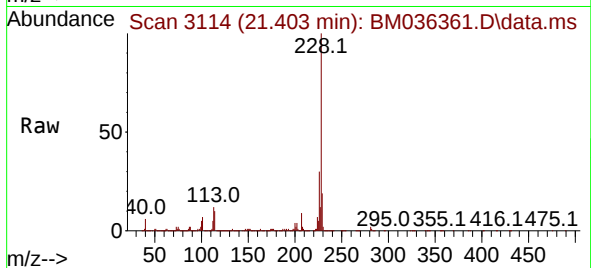
Tgt Ion:149 Resp: 1057624
Ion Ratio Lower Upper
149 100
167 26.1 21.5 32.3
279 3.5 3.4 5.2



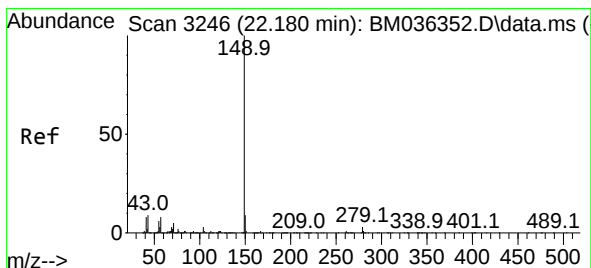
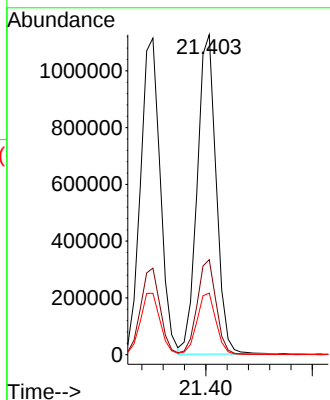
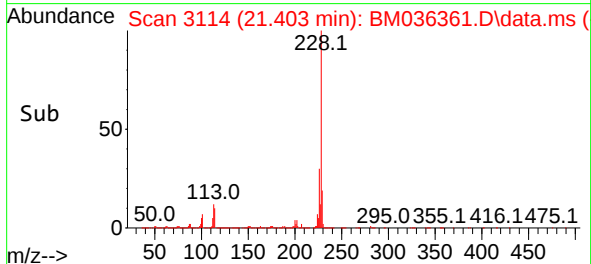


#87
Chrysene
Concen: 19.397 ng/ul
RT: 21.403 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Instrument :
BNA_M
ClientSampleId :

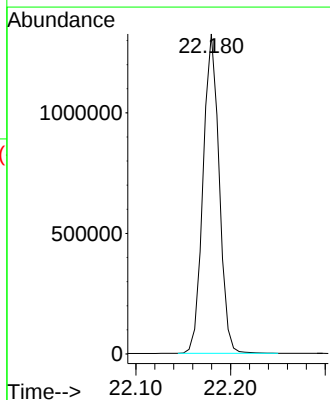
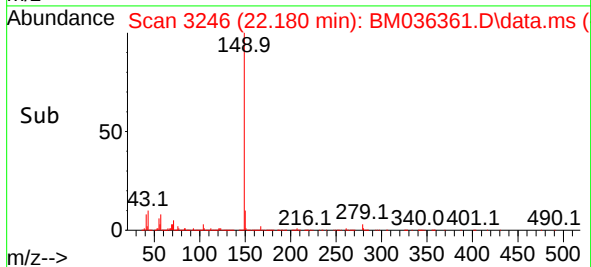
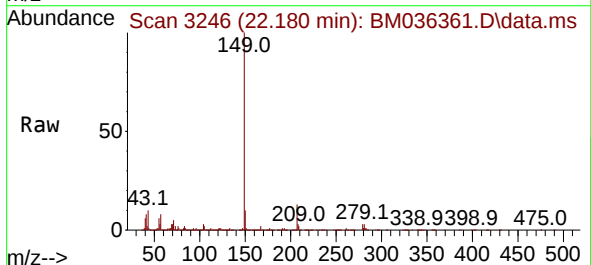


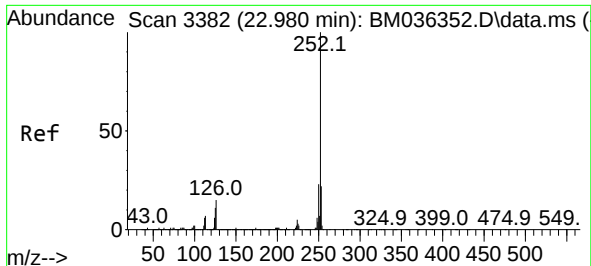
Tgt Ion:228 Resp: 1395734
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 19.3 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 23.777 ng/ul
RT: 22.180 min Scan# 3246
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:149 Resp: 1556773

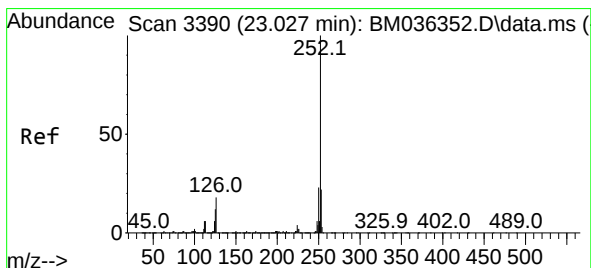
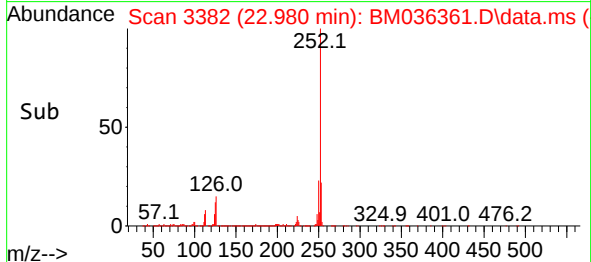
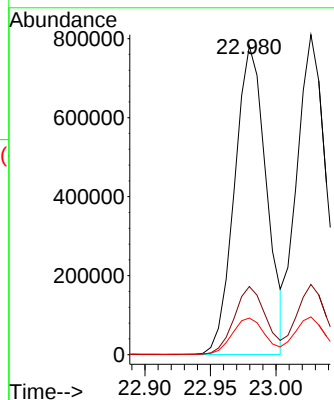
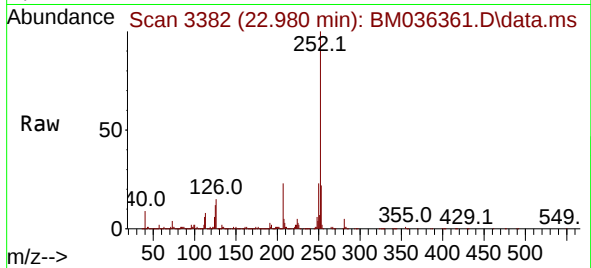




#90
Benzo(b)fluoranthene
Concen: 19.650 ng/ul
RT: 22.980 min Scan# 3382
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

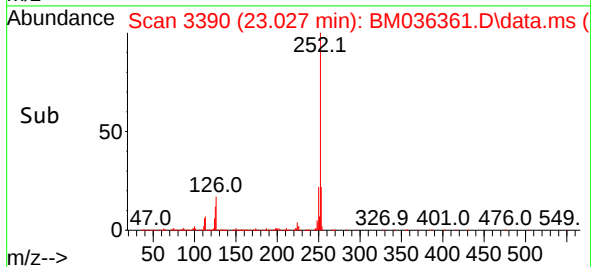
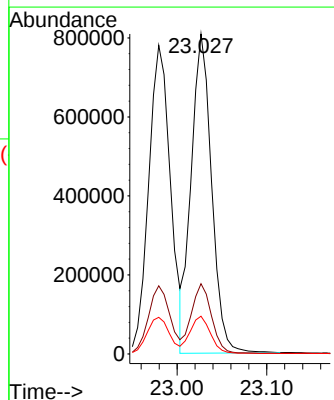
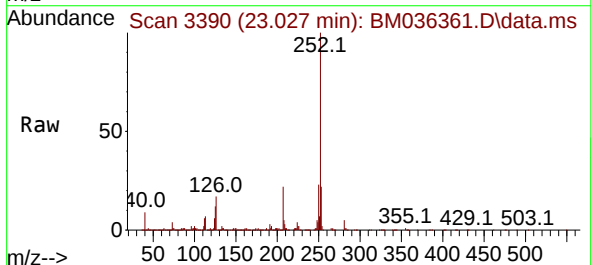
Instrument :
BNA_M
ClientSampleId :

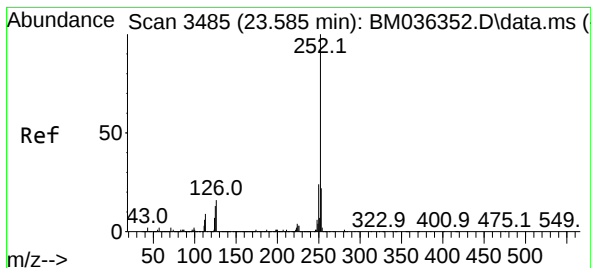
Tgt Ion:252 Resp: 1319528
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.9 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 19.987 ng/ul
RT: 23.027 min Scan# 3390
Delta R.T. 0.000 min
Lab File: BM036361.D
Acq: 22 Aug 2022 12:00

Tgt Ion:252 Resp: 1276954
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 11.8 10.6 15.8





#93

Benzo(a)pyrene

Concen: 19.480 ng/ul

RT: 23.585 min Scan# 3485

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

Instrument :

BNA_M

ClientSampleId :

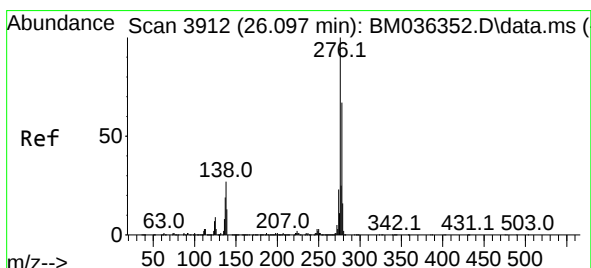
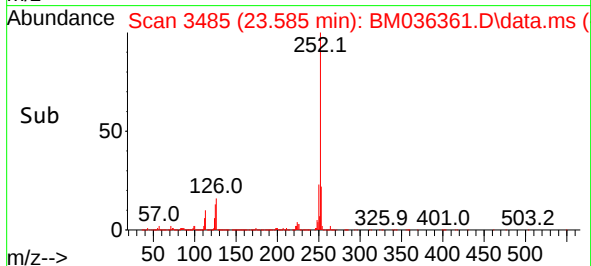
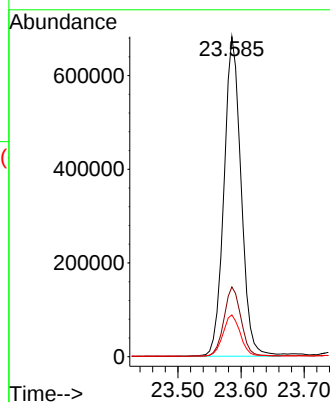
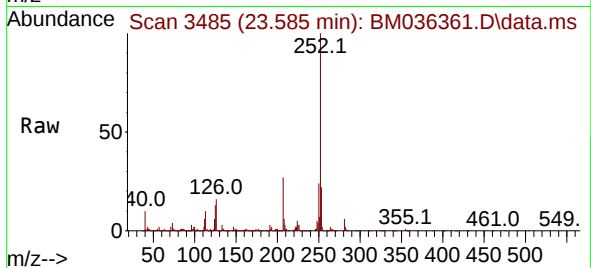
Tgt Ion:252 Resp: 1286899

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 13.1 11.8 17.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.004 ng/ul

RT: 26.103 min Scan# 3913

Delta R.T. 0.000 min

Lab File: BM036361.D

Acq: 22 Aug 2022 12:00

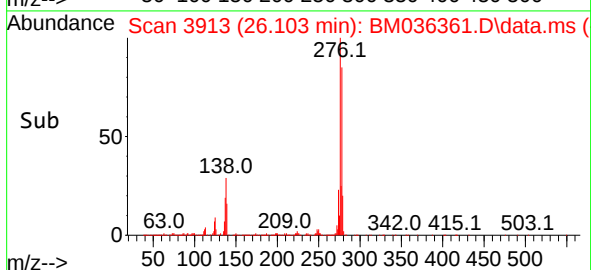
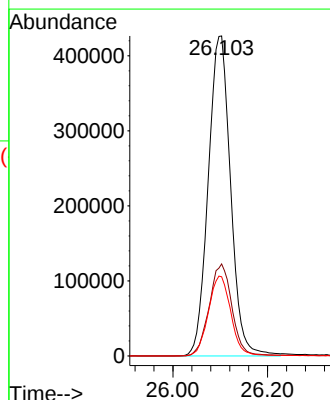
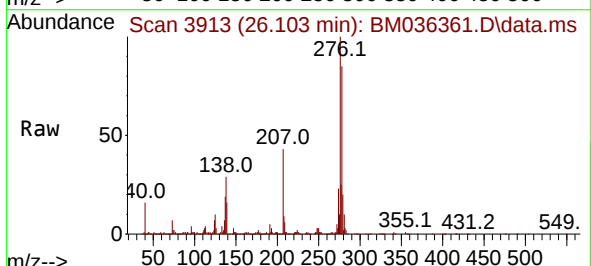
Tgt Ion:276 Resp: 1398431

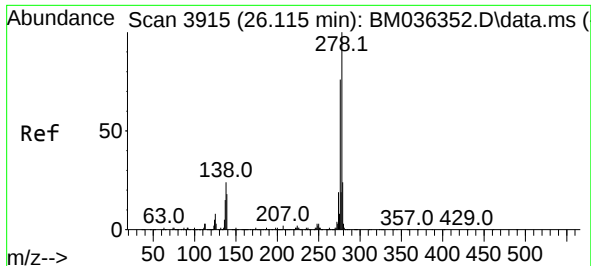
Ion Ratio Lower Upper

276 100

138 28.8 25.6 38.4

277 24.8 20.1 30.1



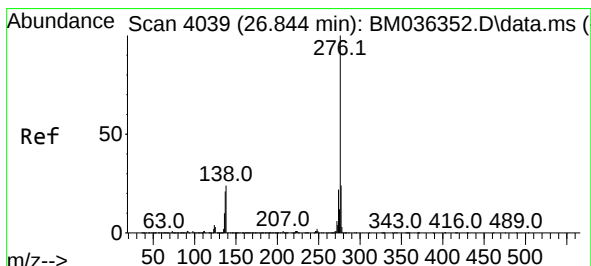
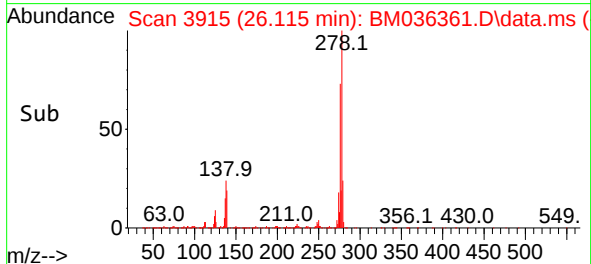
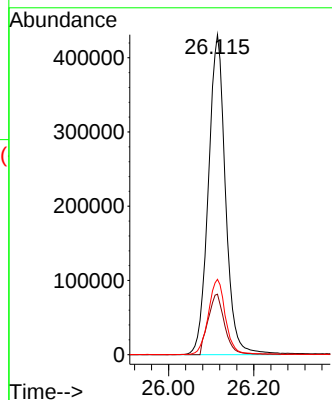
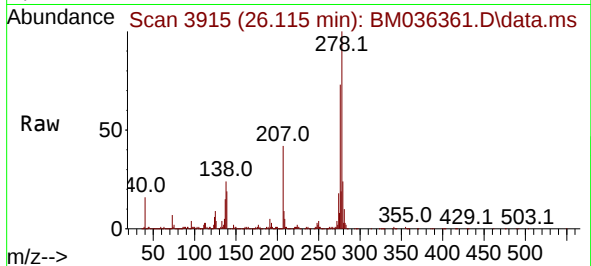


#95
 Dibenzo(a,h)anthracene
 Concen: 17.983 ng/ul
 RT: 26.115 min Scan# 3915
 Delta R.T. 0.000 min
 Lab File: BM036361.D
 Acq: 22 Aug 2022 12:00

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 1203262

Ion	Ratio	Lower	Upper
278	100		
139	18.9	16.2	24.2
279	23.5	18.7	28.1



#96
 Benzo(g,h,i)perylene
 Concen: 17.824 ng/ul
 RT: 26.838 min Scan# 4038
 Delta R.T. 0.000 min
 Lab File: BM036361.D
 Acq: 22 Aug 2022 12:00

Tgt Ion:276 Resp: 1183920

Ion	Ratio	Lower	Upper
276	100		
138	24.1	21.3	31.9
277	23.3	18.6	28.0

