

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036391.D
 Acq On : 23 Aug 2022 15:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 24 00:59:37 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	7.787	152	272171	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	1292401	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	782298	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1444589	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	1056768	20.000	ng/u1	0.00
88) Perylene-d12	23.691	264	979416	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	50870	7.123	ng/uL	0.00
4) Pyridine-d5	3.628	84	395117	20.063	ng/u1	0.00
7) Phenol-d5	6.963	99	471687	20.303	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.128	67	312327	21.358	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	365241	20.009	ng/u1	-0.01
15) 4-Methylphenol-d8	8.510	113	366440	21.125	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	189366	19.325	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	189934	19.109	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	352017	19.821	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	540964	19.648	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	996108	20.127	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	1207759	19.566	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	161869	17.261	ng/u1	0.00
60) Fluorene-d10	15.427	176	873425	19.530	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	123440	16.621	ng/u1	0.00
73) Anthracene-d10	17.280	188	1216872	18.945	ng/u1	0.00
81) Pyrene-d10	19.574	212	1165822	21.267	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	927248	19.309	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	55977	7.442	ng/uL	94
5) Pyridine	3.646	79	402181	19.769	ng/u1	94
6) Benzaldehyde	6.934	77	229727	24.073	ng/u1	90
8) Phenol	6.993	94	492287	20.381	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.222	93	400762	20.744	ng/u1	99
12) 2-Chlorophenol	7.351	128	390164	20.441	ng/u1	99
13) 2-Methylphenol	8.245	108	370722	20.821	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.328	45	597127	23.102	ng/u1	98
16) Acetophenone	8.622	105	617244	22.124	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.604	70	330651	23.811	ng/u1	97
18) 4-Methylphenol	8.575	108	408971	21.458	ng/u1	98
19) Hexachloroethane	8.857	117	156796	19.635	ng/u1	83
22) Nitrobenzene	8.998	77	468311	20.171	ng/u1	95
23) Isophorone	9.528	82	885622	21.480	ng/u1	95
25) 2-Nitrophenol	9.710	139	212322	19.174	ng/u1	92
26) 2,4-Dimethylphenol	9.775	107	440371	19.885	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.010	93	556089	20.717	ng/u1	98
29) 2,4-Dichlorophenol	10.245	162	358338	19.721	ng/u1	100
30) Naphthalene	10.639	128	1322855	19.502	ng/u1	100
32) 4-Chloroaniline	10.763	127	547500	19.551	ng/u1	99
33) Hexachlorobutadiene	10.916	225	207235	18.155	ng/u1	98
34) Caprolactam	11.557	113	107963	19.831	ng/u1	96
35) 4-Chloro-3-methylphenol	11.898	107	387402	21.087	ng/u1	99
36) 2-Methylnaphthalene	12.251	142	868969	20.418	ng/u1	99

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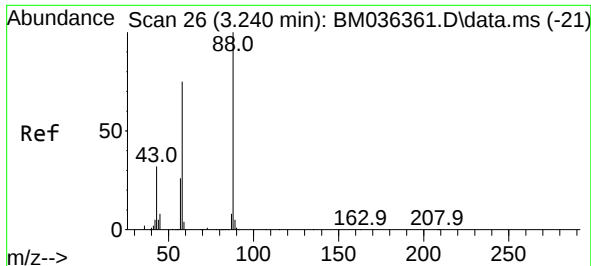
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	879592	20.522	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	401158	18.553	ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	247744	19.313	ng/ul	97
41) 2,4,6-Trichlorophenol	12.875	196	261785	19.240	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	275896	19.117	ng/ul	99
43) 1,1'-Biphenyl	13.269	154	1148888	19.527	ng/ul	98
44) 2-Chloronaphthalene	13.310	162	856932	18.980	ng/ul	98
45) 2-Nitroaniline	13.533	65	253845	20.763	ng/ul	94
47) Dimethylphthalate	13.904	163	1024714	20.114	ng/ul	100
48) 2,6-Dinitrotoluene	14.027	165	191879	19.962	ng/ul#	82
50) Acenaphthylene	14.157	152	1437303	19.745	ng/ul	100
51) 3-Nitroaniline	14.357	138	195151	18.565	ng/ul	94
52) Acenaphthene	14.498	153	939953	19.811	ng/ul	98
53) 2,4-Dinitrophenol	14.569	184	95828	18.293	ng/ul#	89
55) 4-Nitrophenol	14.674	109	126180	17.030	ng/ul	86
56) Dibenzofuran	14.833	168	1283383	19.494	ng/ul	97
57) 2,4-Dinitrotoluene	14.816	165	273216	20.043	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.063	232	214923	19.613	ng/ul#	89
59) Diethylphthalate	15.263	149	1051782	20.944	ng/ul	100
61) Fluorene	15.480	166	1052408	20.154	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.480	204	483184	19.809	ng/ul	100
63) 4-Nitroaniline	15.521	138	146428	14.933	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.574	198	126738	16.878	ng/ul#	88
67) N-Nitrosodiphenylamine	15.698	169	849244	20.563	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	267458	19.995	ng/ul	99
69) Hexachlorobenzene	16.480	284	304934	18.811	ng/ul	94
70) Atrazine	16.651	200	270442	19.165	ng/ul	97
71) Pentachlorophenol	16.833	266	174406	19.516	ng/ul	99
72) Phenanthrene	17.221	178	1484465	19.547	ng/ul	98
74) Anthracene	17.315	178	1480920	19.451	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.233	216	413124	19.060	ng/ul	97
76) Pentachlorobenzene	14.751	250	395837	19.558	ng/ul	99
77) Carbazole	17.592	167	1286856	18.052	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1604343	20.576	ng/ul	99
80) Fluoranthene	19.239	202	1451499	21.909	ng/ul	99
82) Pyrene	19.604	202	1485720	21.490	ng/ul	99
83) Butylbenzylphthalate	20.503	149	561536	21.711	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.292	252	353250	16.233	ng/ul	96
85) Benzo(a)anthracene	21.350	228	1235995	19.463	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	800595	22.419	ng/ul#	97
87) Chrysene	21.403	228	1193942	19.134	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1235823	21.226	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1159710	19.421	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	1126410	19.827	ng/ul	99
93) Benzo(a)pyrene	23.586	252	1148253	19.546	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.103	276	1269277	18.377	ng/ul	99
95) Dibenzo(a,h)anthracene	26.115	278	1084802	18.233	ng/ul	100
96) Benzo(g,h,i)perylene	26.844	276	1068993	18.099	ng/ul	99

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

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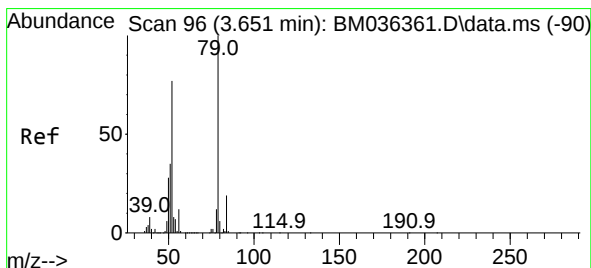
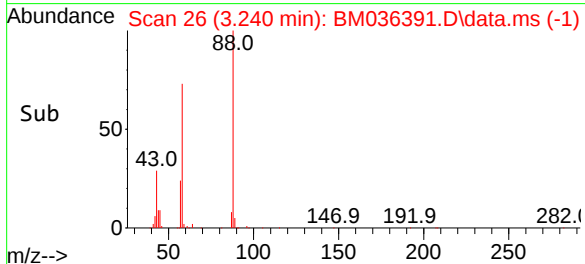
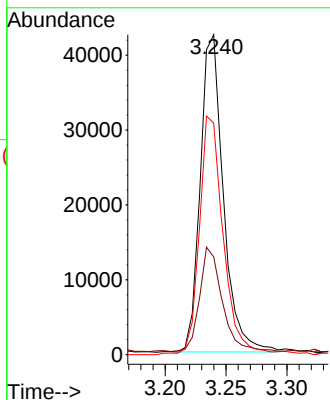
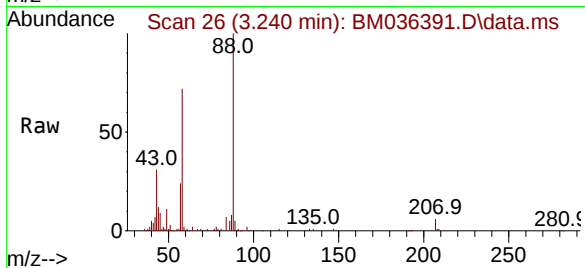




#2
1,4-Dioxane
Concen: 7.442 ng/uL
RT: 3.240 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM036391.D
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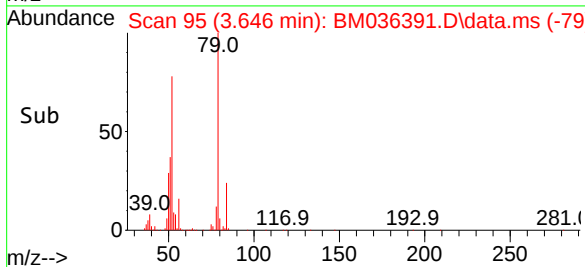
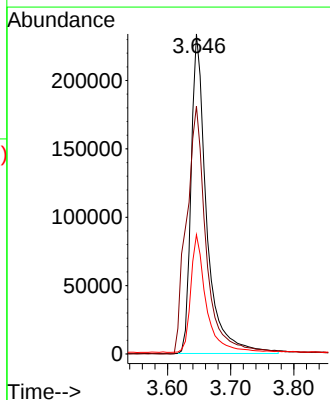
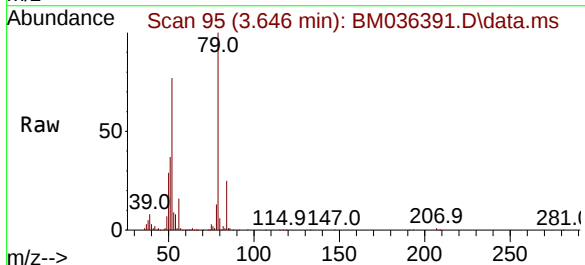
Instrument :
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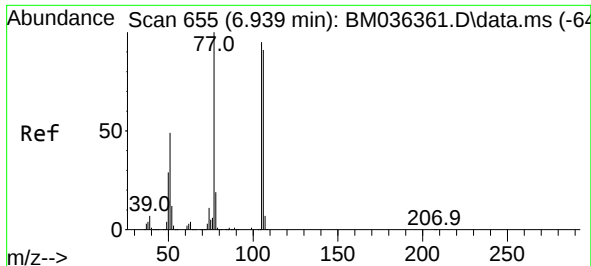
Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.5	27.8	41.8
58	72.3	61.8	92.8



#5
Pyridine
Concen: 19.769 ng/uL
RT: 3.646 min Scan# 95
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion	Ratio	Lower	Upper
79	100		
52	77.4	67.8	101.6
51	37.3	31.4	47.0

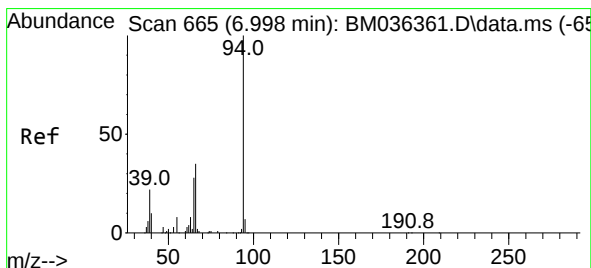
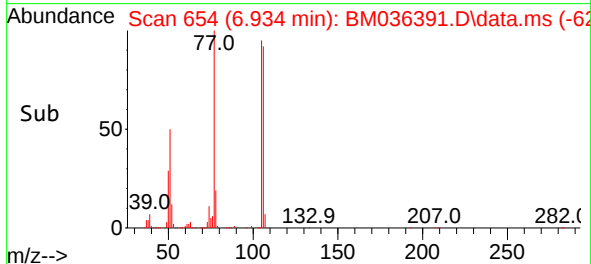
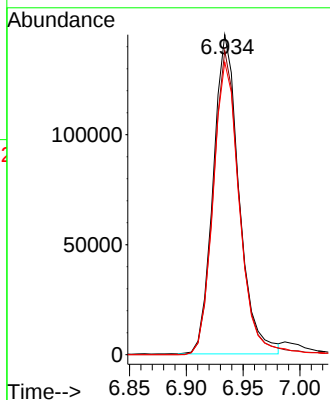
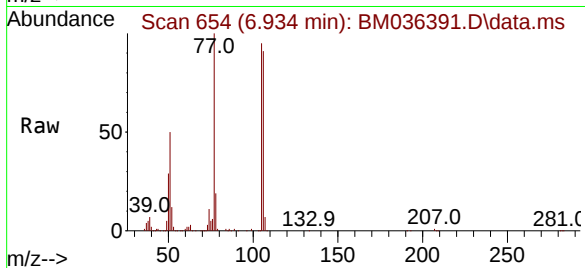




#6
Benzaldehyde
Concen: 24.073 ng/ul
RT: 6.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

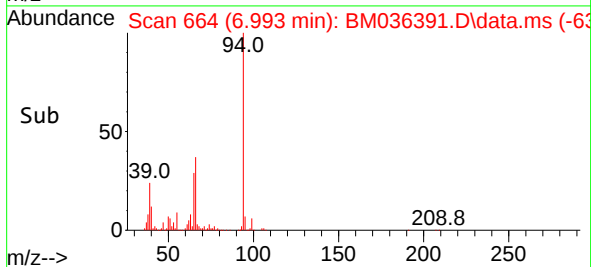
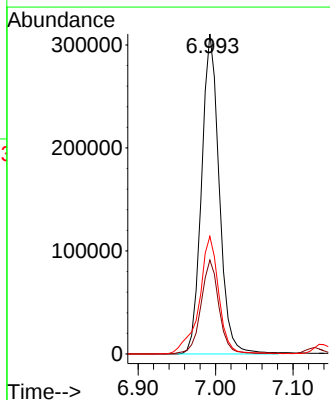
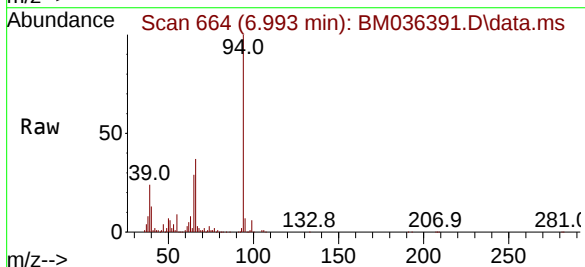
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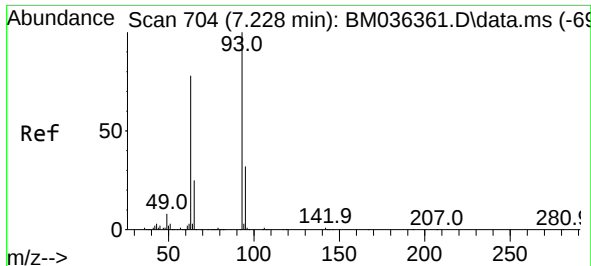
Tgt Ion: 77 Resp: 229727
Ion Ratio Lower Upper
77 100
105 95.0 84.6 127.0
106 91.4 80.3 120.5



#8
Phenol
Concen: 20.381 ng/ul
RT: 6.993 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion: 94 Resp: 492287
Ion Ratio Lower Upper
94 100
65 29.4 21.3 31.9
66 36.8 27.4 41.0

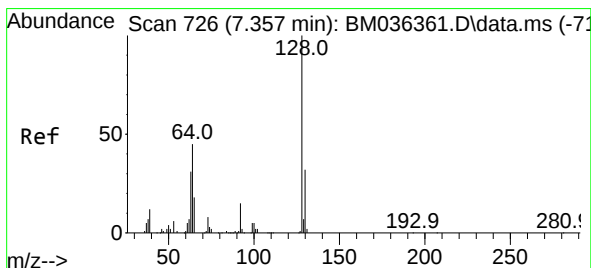
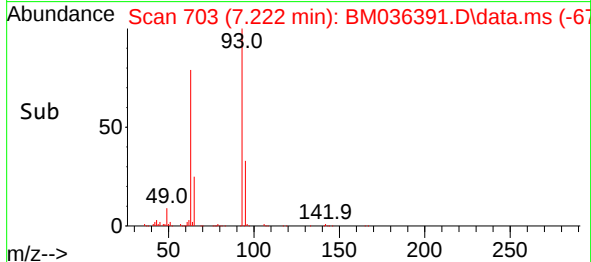
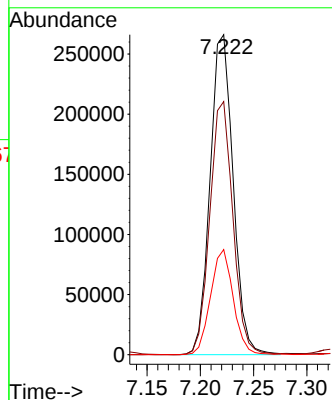
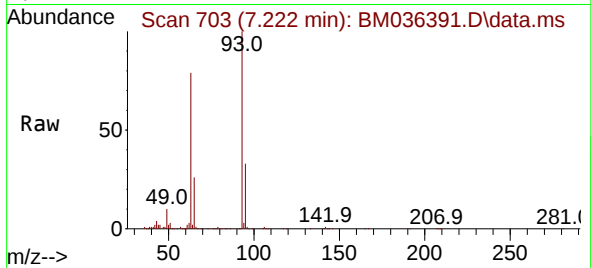




#10
 Bis(2-Chloroethyl)ether
 Concen: 20.744 ng/ul
 RT: 7.222 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

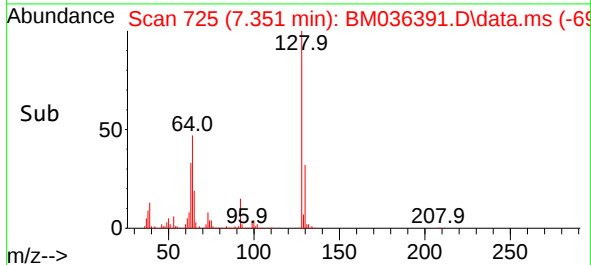
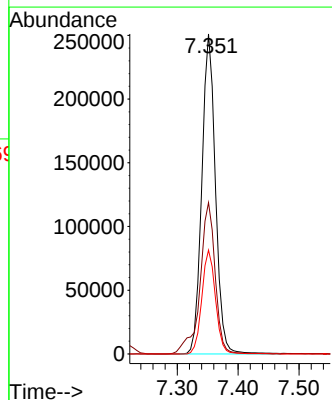
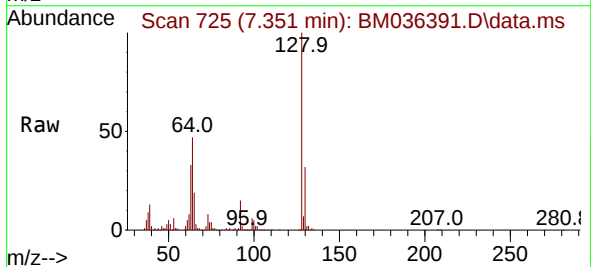
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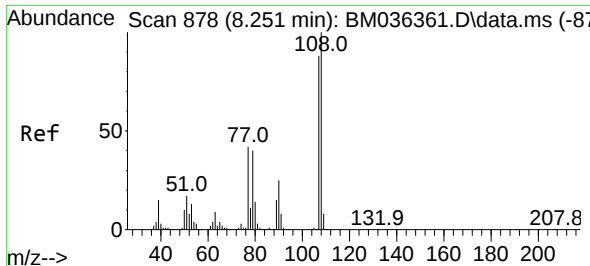
Tgt Ion: 93 Resp: 400762
 Ion Ratio Lower Upper
 93 100
 63 79.1 64.0 96.0
 95 32.8 25.8 38.6



#12
 2-Chlorophenol
 Concen: 20.441 ng/ul
 RT: 7.351 min Scan# 725
 Delta R.T. -0.006 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

Tgt Ion:128 Resp: 390164
 Ion Ratio Lower Upper
 128 100
 64 47.3 36.9 55.3
 130 32.4 25.6 38.4

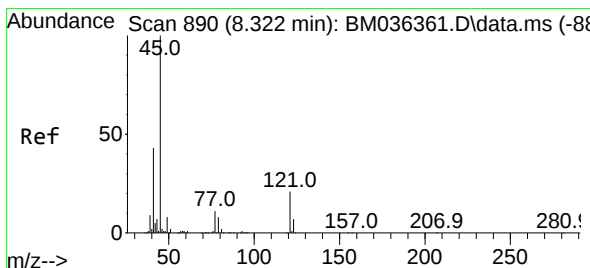
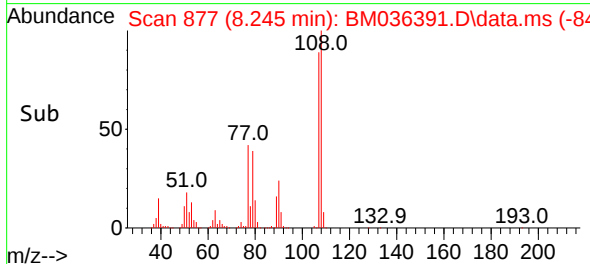
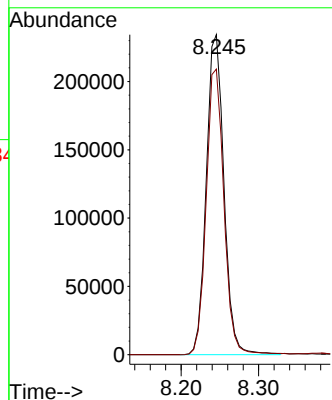
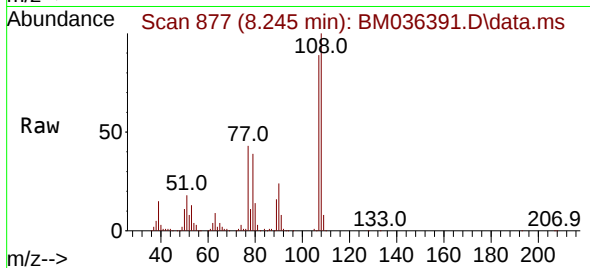




#13
2-Methylphenol
Concen: 20.821 ng/ul
RT: 8.245 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

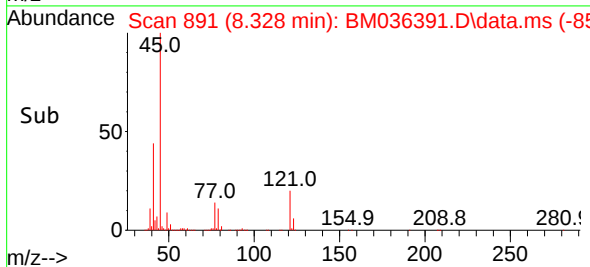
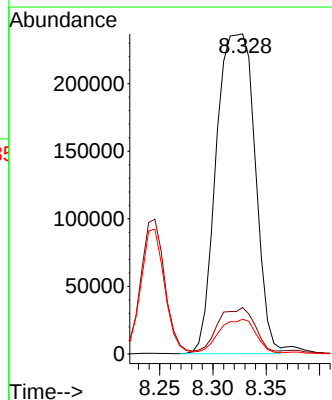
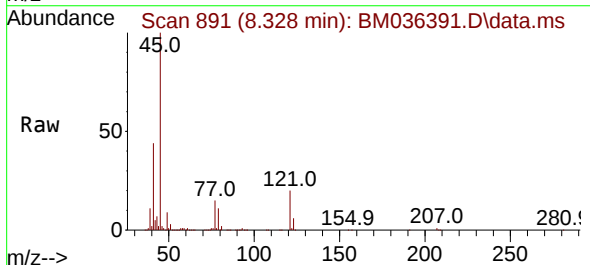
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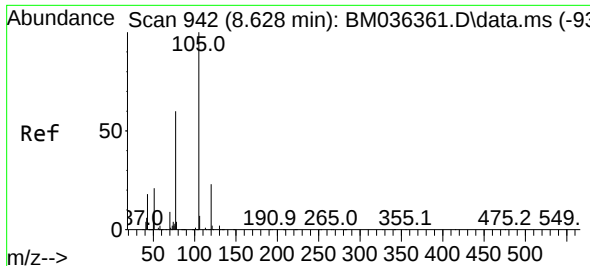
Tgt Ion:108 Resp: 370722
Ion Ratio Lower Upper
108 100
107 89.3 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.102 ng/ul
RT: 8.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion: 45 Resp: 597127
Ion Ratio Lower Upper
45 100
77 14.5 10.6 15.8
79 10.8 8.3 12.5

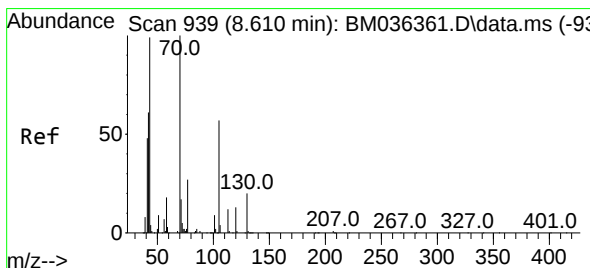
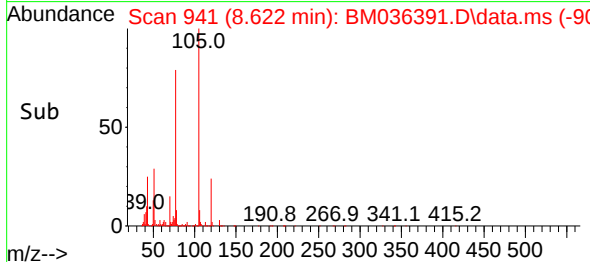
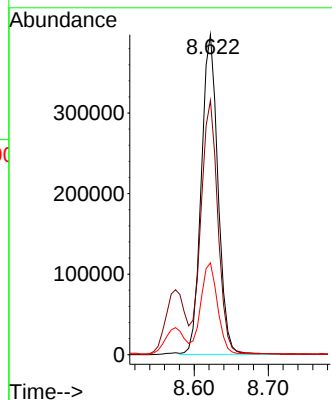
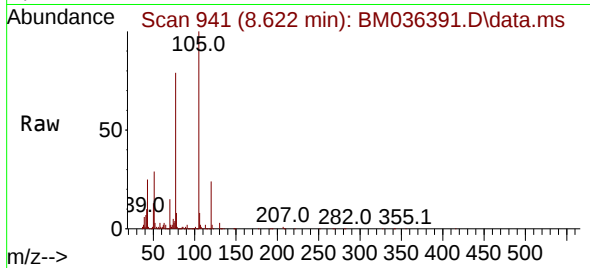




#16
Acetophenone
Concen: 22.124 ng/ul
RT: 8.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM036391.D
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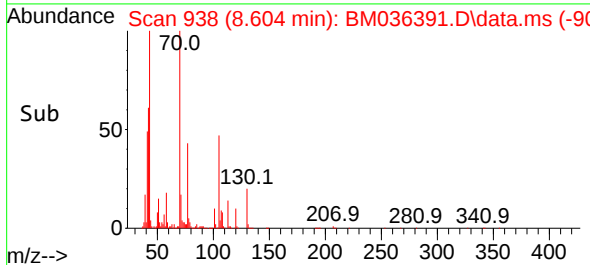
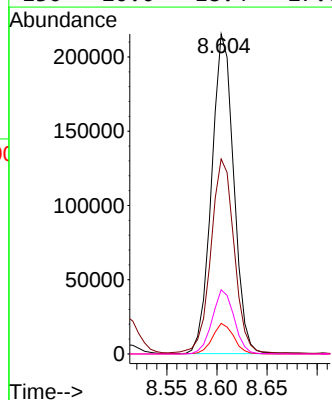
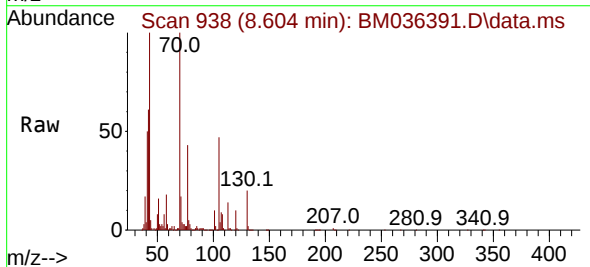
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BNA_M
ClientSampleId :

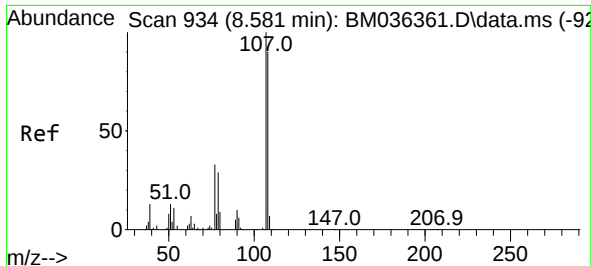
Tgt Ion:105 Resp: 617244
Ion Ratio Lower Upper
105 100
77 79.5 59.8 89.6
51 28.7 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 23.811 ng/ul
RT: 8.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion: 70 Resp: 330651
Ion Ratio Lower Upper
70 100
42 61.0 49.6 74.4
101 9.6 8.1 12.1
130 20.0 18.4 27.6

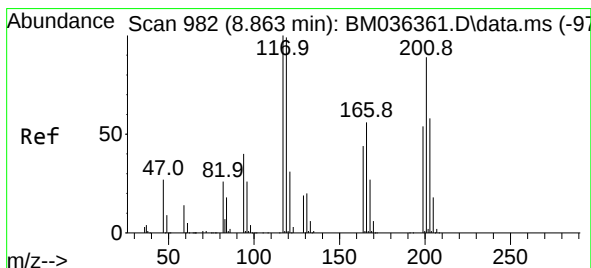
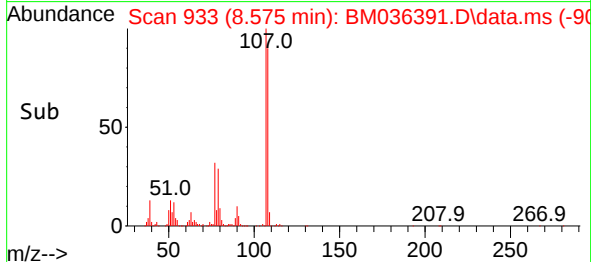
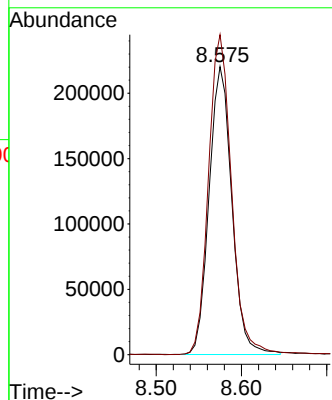
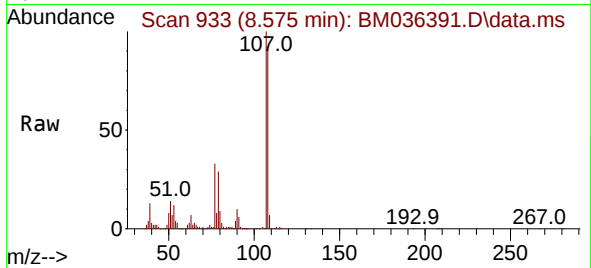




#18
4-Methylphenol
Concen: 21.458 ng/ul
RT: 8.575 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

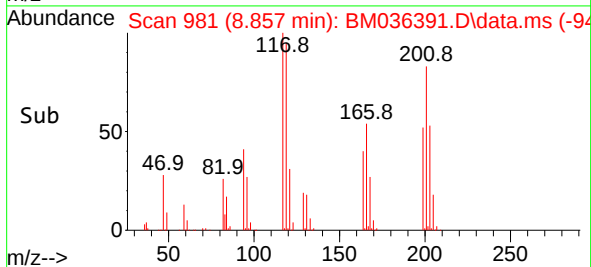
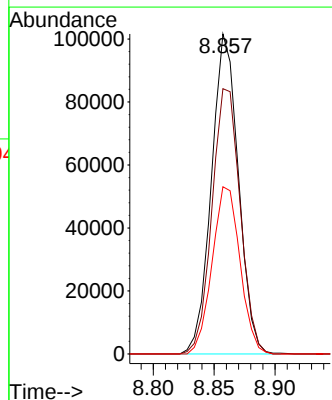
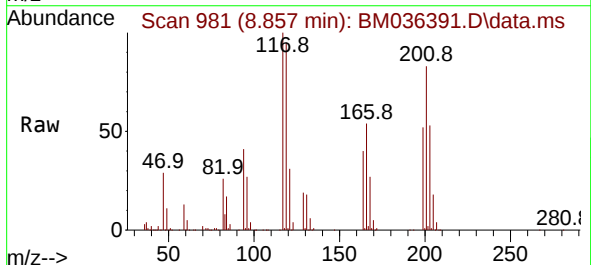
Instrument :
BNA_M
ClientSampleId :

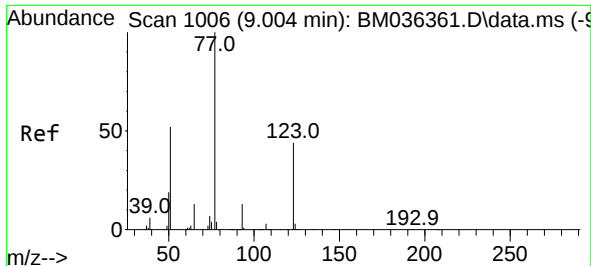
Tgt Ion:108 Resp: 408971
Ion Ratio Lower Upper
108 100
107 111.1 90.3 135.5



#19
Hexachloroethane
Concen: 19.635 ng/ul
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:117 Resp: 156796
Ion Ratio Lower Upper
117 100
201 84.9 81.8 122.6
199 52.2 51.6 77.4

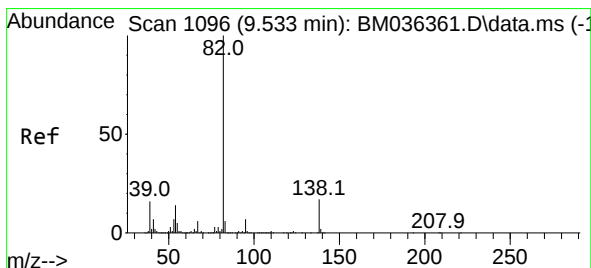
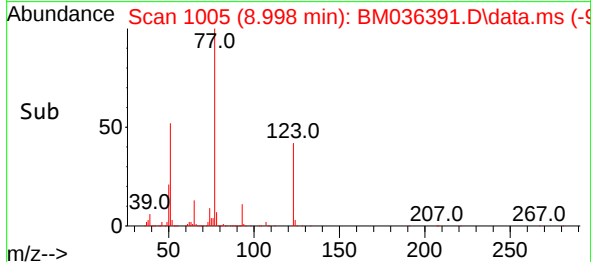
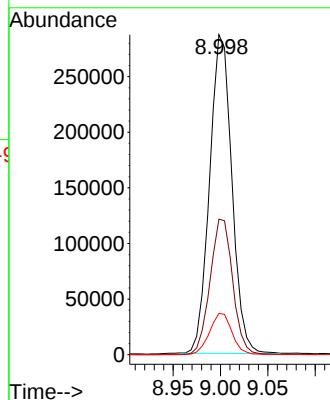
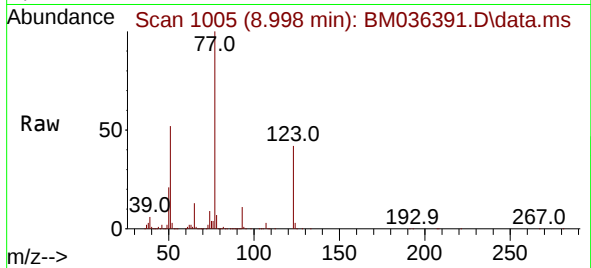




#22
Nitrobenzene
Concen: 20.171 ng/ul
RT: 8.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

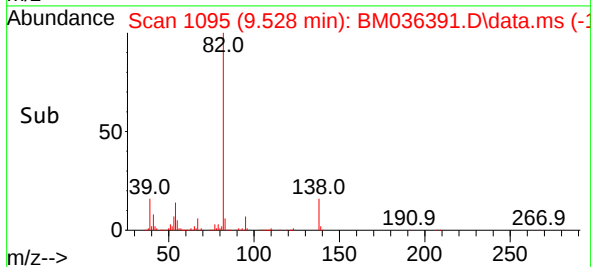
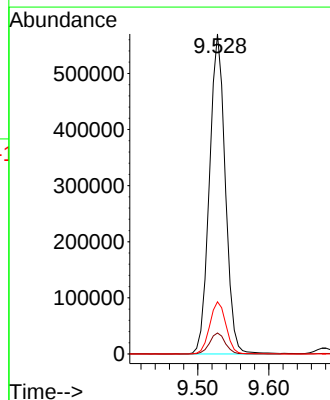
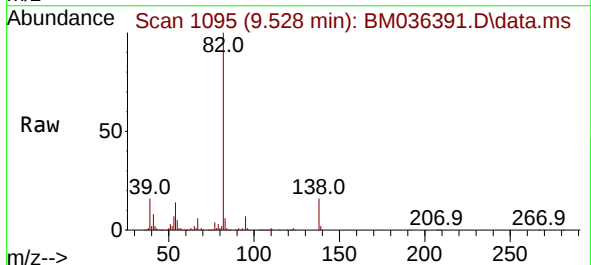
Instrument :
BNA_M
ClientSampleId :

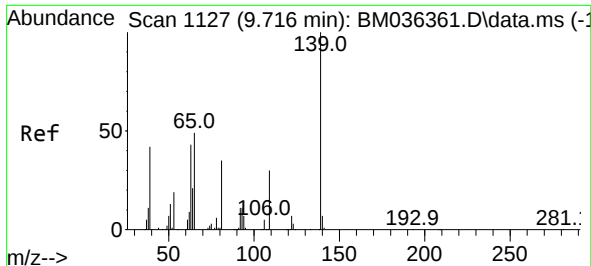
Tgt Ion: 77 Resp: 468311
Ion Ratio Lower Upper
77 100
123 42.3 37.4 56.0
65 12.9 10.8 16.2



#23
Isophorone
Concen: 21.480 ng/ul
RT: 9.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion: 82 Resp: 885622
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 16.3 15.3 22.9

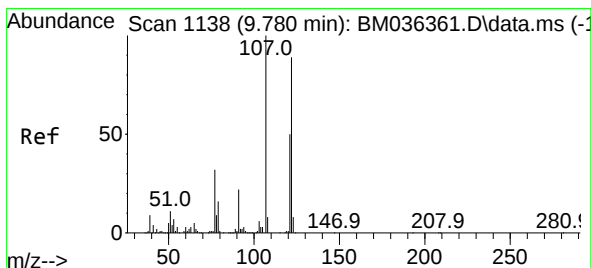
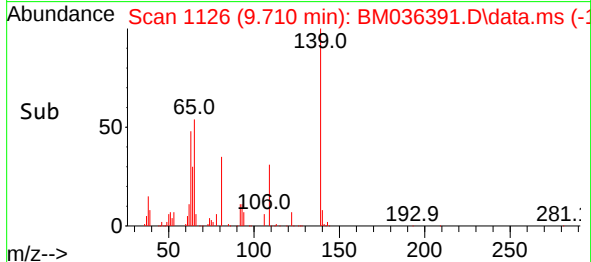
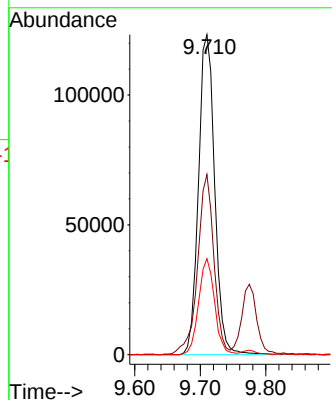
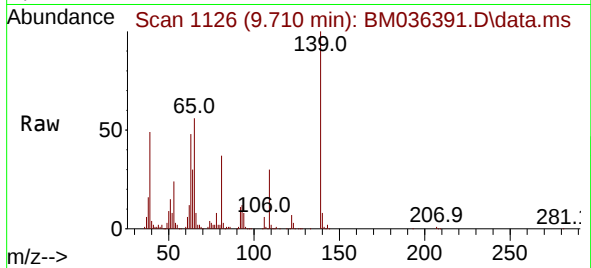




#25
2-Nitrophenol
Concen: 19.174 ng/ul
RT: 9.710 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

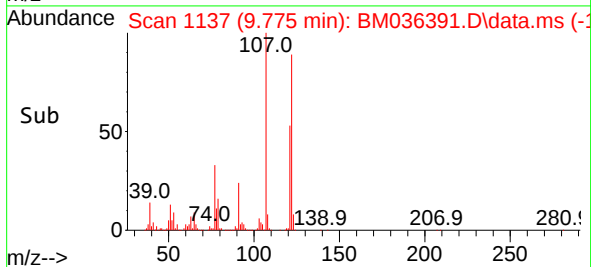
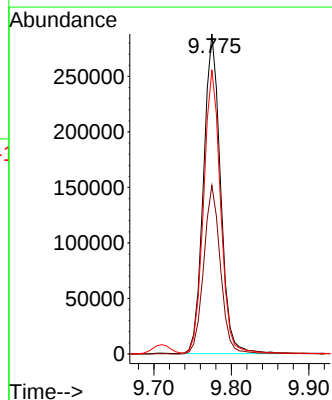
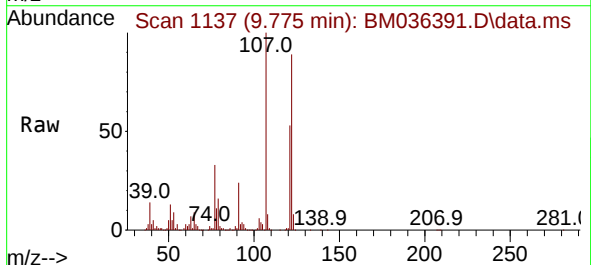
Instrument :
BNA_M
ClientSampleId :

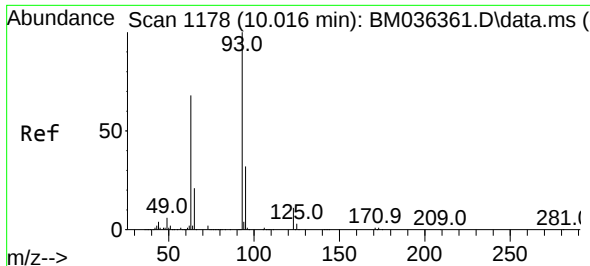
Tgt Ion:139 Resp: 212322
Ion Ratio Lower Upper
139 100
65 56.3 39.8 59.6
109 30.0 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 19.885 ng/ul
RT: 9.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:107 Resp: 440371
Ion Ratio Lower Upper
107 100
121 52.6 42.7 64.1
122 88.8 71.5 107.3

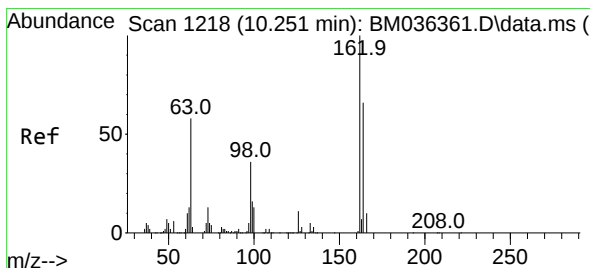
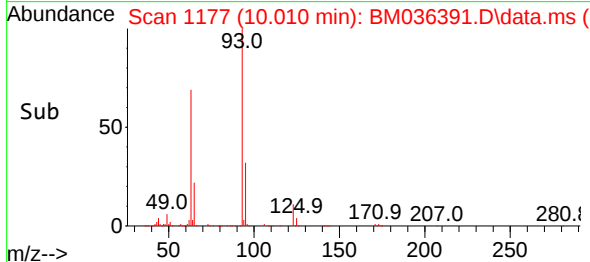
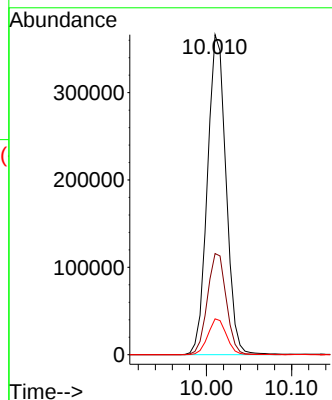
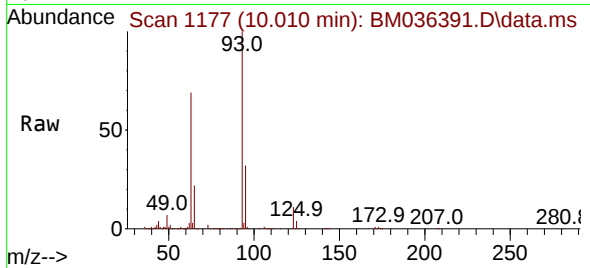




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.717 ng/ul
 RT: 10.010 min Scan# 1177
 Delta R.T. -0.006 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

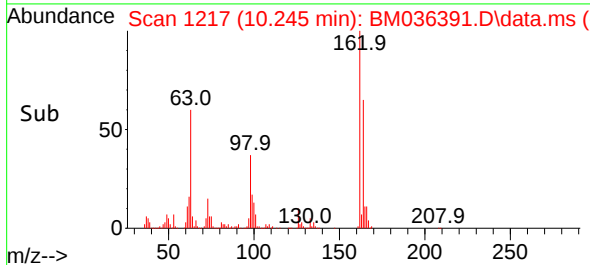
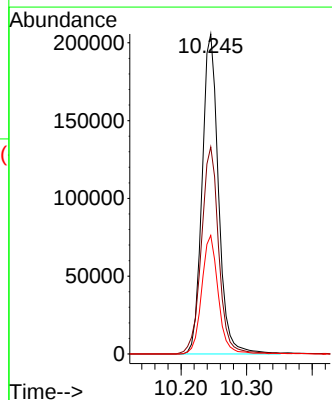
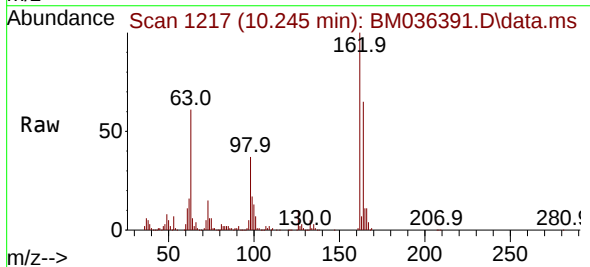
Instrument :
 BNA_M
 ClientSampleId :

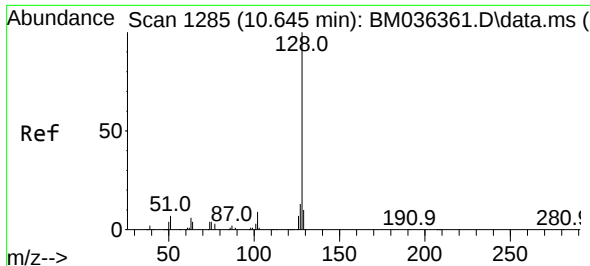
Tgt Ion: 93 Resp: 556089
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.1 39.1
 123 11.2 9.4 14.0



#29
 2,4-Dichlorophenol
 Concen: 19.721 ng/ul
 RT: 10.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

Tgt Ion: 162 Resp: 358338
 Ion Ratio Lower Upper
 162 100
 164 64.7 51.8 77.6
 98 37.0 29.5 44.3

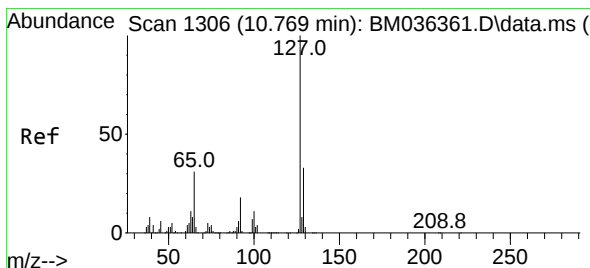
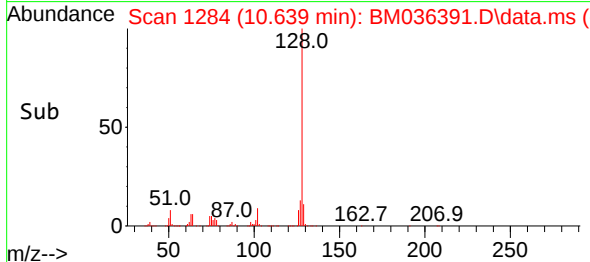
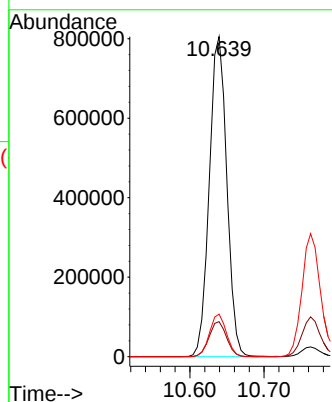
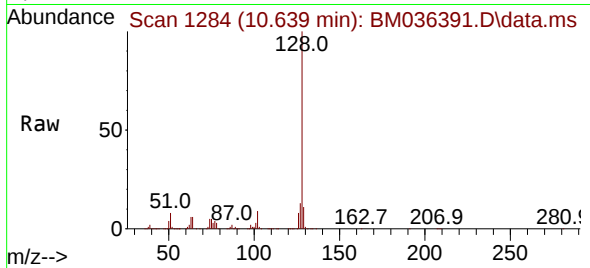




#30
Naphthalene
Concen: 19.502 ng/ul
RT: 10.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

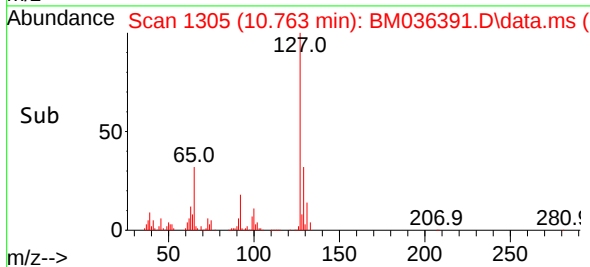
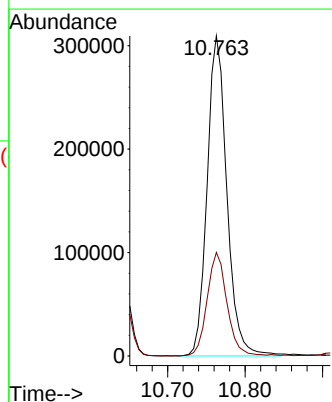
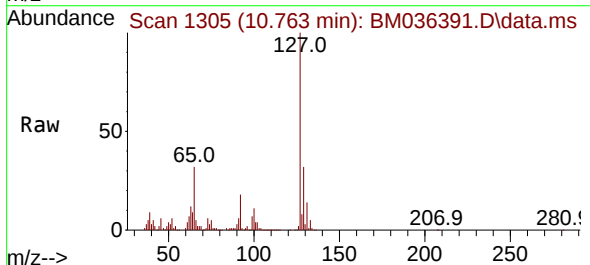
Instrument :
BNA_M
ClientSampleId :

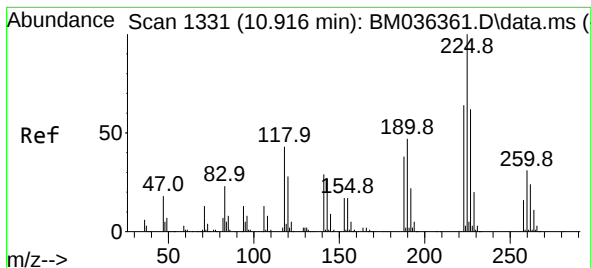
Tgt Ion:128 Resp: 1322855
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.6 16.0



#32
4-Chloroaniline
Concen: 19.551 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:127 Resp: 547500
Ion Ratio Lower Upper
127 100
129 32.4 25.3 37.9





#33

Hexachlorobutadiene

Concen: 18.155 ng/ul

RT: 10.916 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

Instrument :

BNA_M

ClientSampleId :

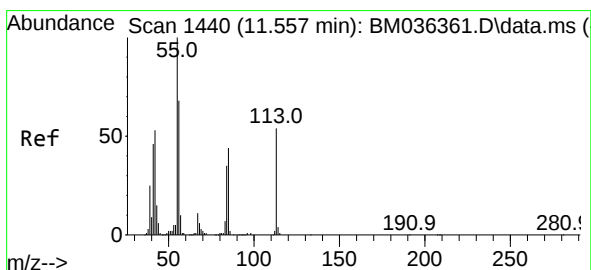
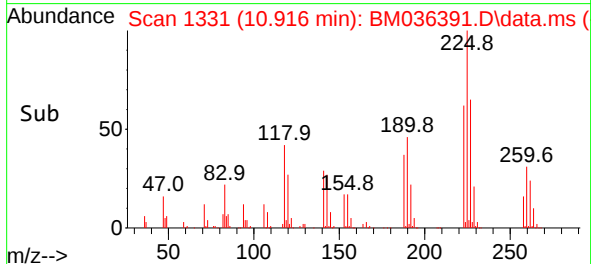
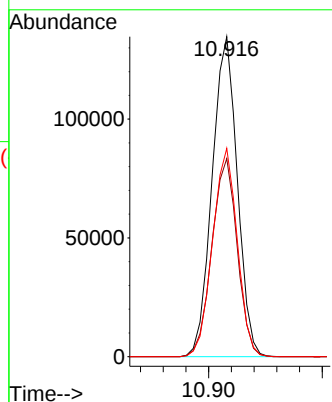
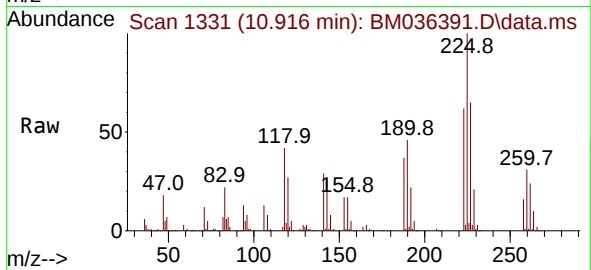
Tgt Ion:225 Resp: 207235

Ion Ratio Lower Upper

225 100

223 61.9 50.0 75.0

227 65.1 49.9 74.9



#34

Caprolactam

Concen: 19.831 ng/ul

RT: 11.557 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

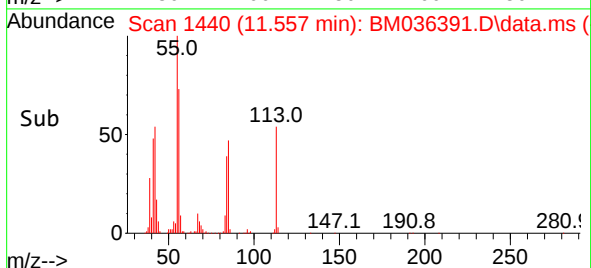
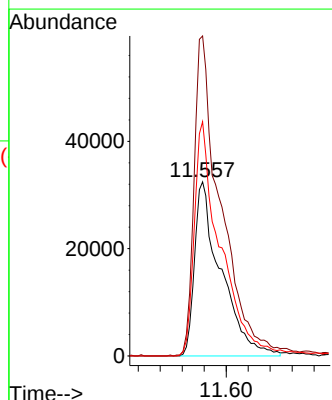
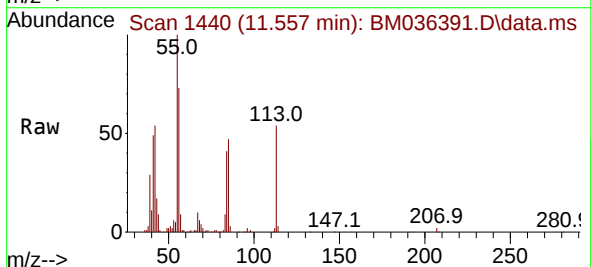
Tgt Ion:113 Resp: 107963

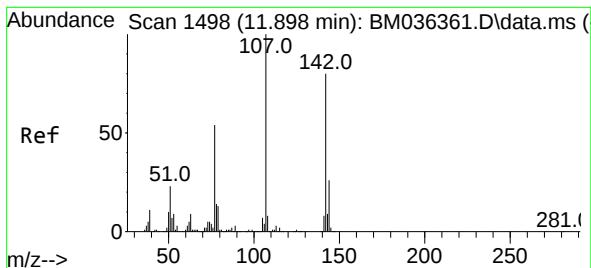
Ion Ratio Lower Upper

113 100

55 183.9 150.2 225.4

56 134.6 102.1 153.1

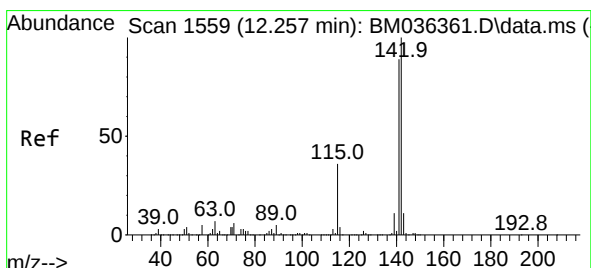
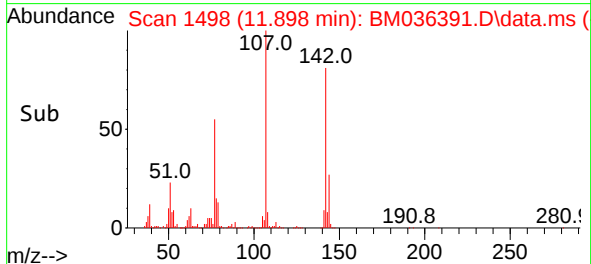
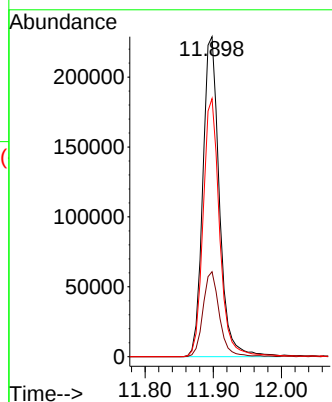
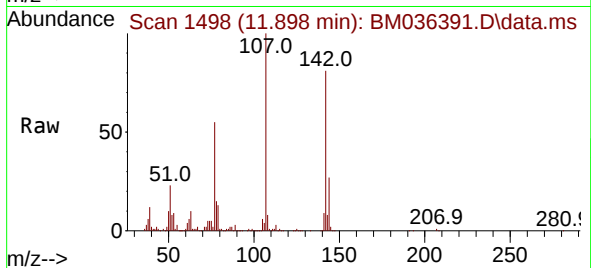




#35
4-Chloro-3-methylphenol
Concen: 21.087 ng/ul
RT: 11.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

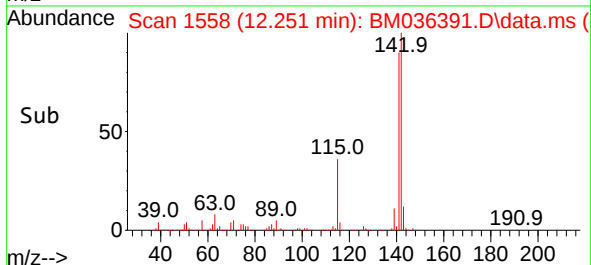
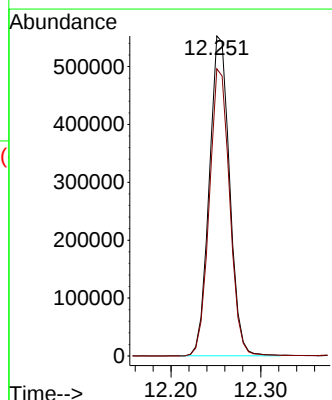
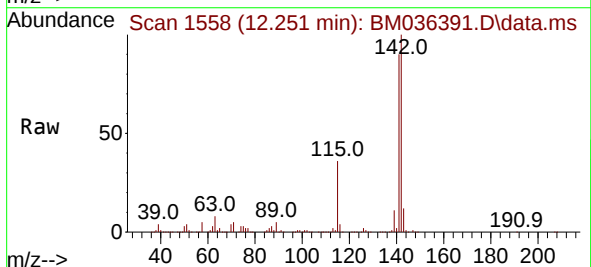
Instrument :
BNA_M
ClientSampleId :

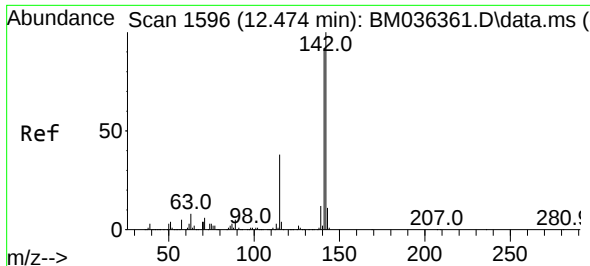
Tgt Ion:107 Resp: 387402
Ion Ratio Lower Upper
107 100
144 26.6 20.3 30.5
142 80.7 64.4 96.6



#36
2-Methylnaphthalene
Concen: 20.418 ng/ul
RT: 12.251 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:142 Resp: 868969
Ion Ratio Lower Upper
142 100
141 89.7 70.7 106.1





#37

1-Methylnaphthalene

Concen: 20.522 ng/ul

RT: 12.475 min Scan# 1

Delta R.T. 0.000 min

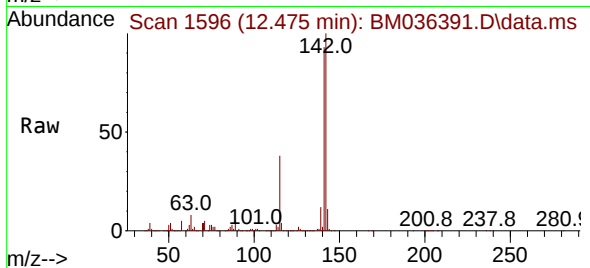
Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

Instrument :

BNA_M

ClientSampleId :



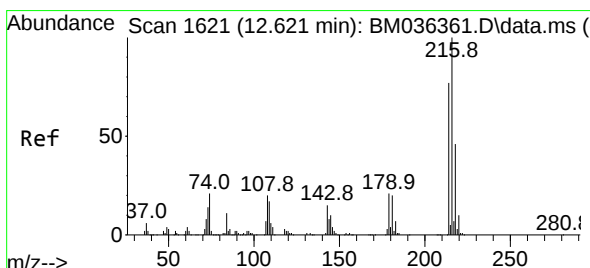
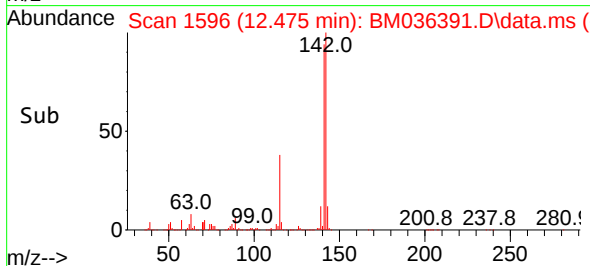
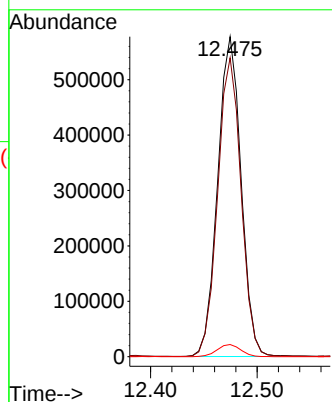
Tgt Ion:142 Resp: 879592

Ion Ratio Lower Upper

142 100

141 93.4 75.2 112.8

116 3.8 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.553 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

Tgt Ion:216 Resp: 401158

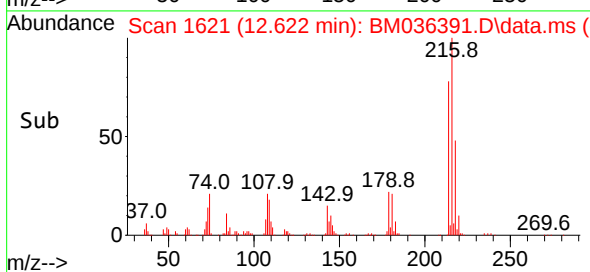
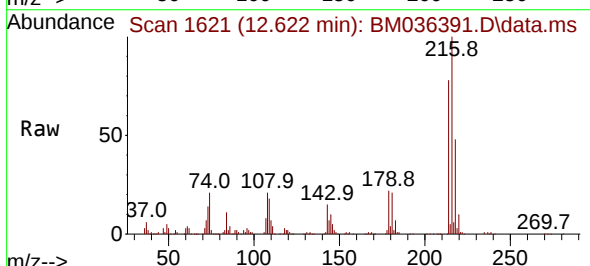
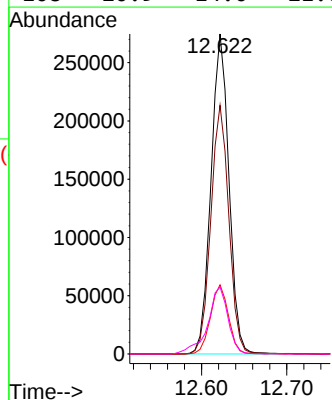
Ion Ratio Lower Upper

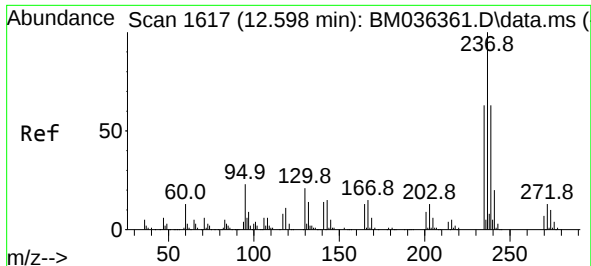
216 100

214 77.7 62.4 93.6

179 21.6 17.3 25.9

108 20.9 14.0 21.0

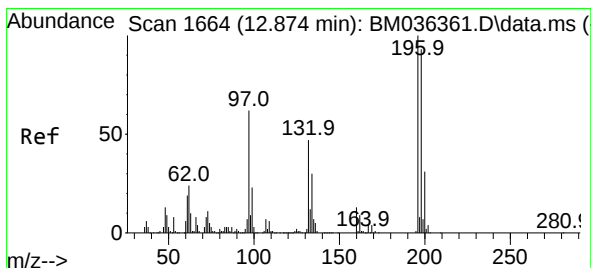
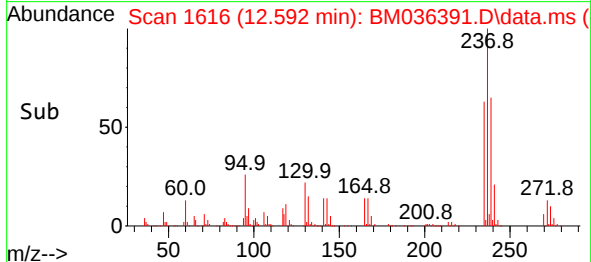
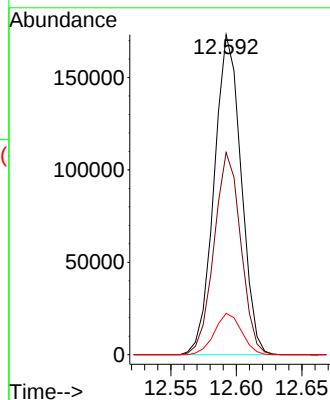
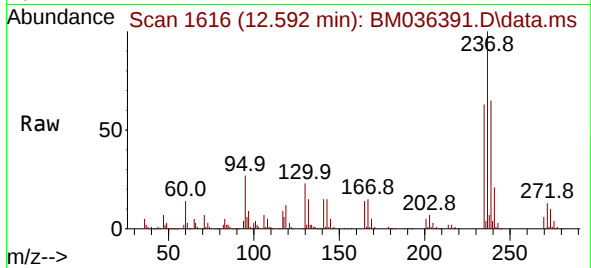




#40
Hexachlorocyclopentadiene
Concen: 19.313 ng/ul
RT: 12.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

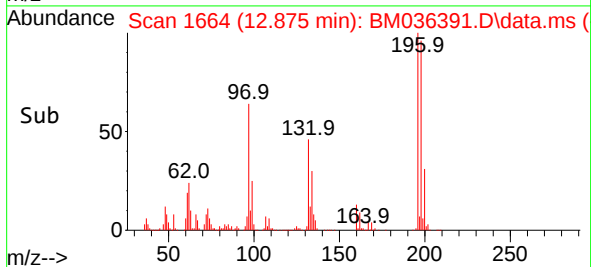
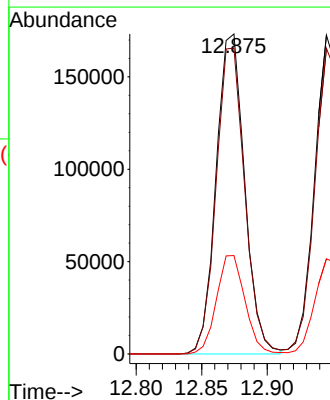
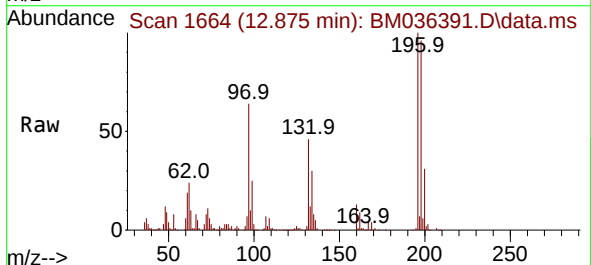
Instrument :
BNA_M
ClientSampleId :

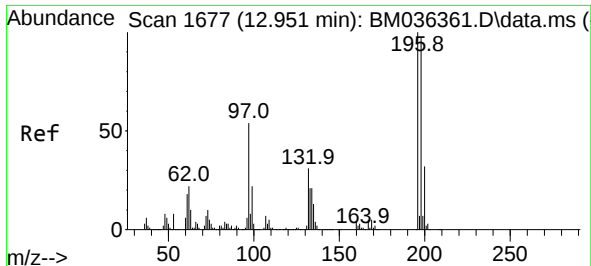
Tgt Ion:237 Resp: 247744
Ion Ratio Lower Upper
237 100
235 63.2 48.4 72.6
272 13.6 11.6 17.4



#41
2,4,6-Trichlorophenol
Concen: 19.240 ng/ul
RT: 12.875 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

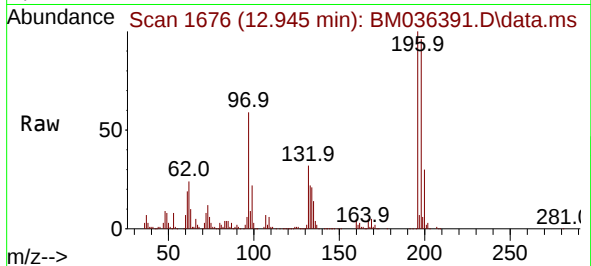
Tgt Ion:196 Resp: 261785
Ion Ratio Lower Upper
196 100
198 95.6 77.8 116.6
200 30.8 25.0 37.6



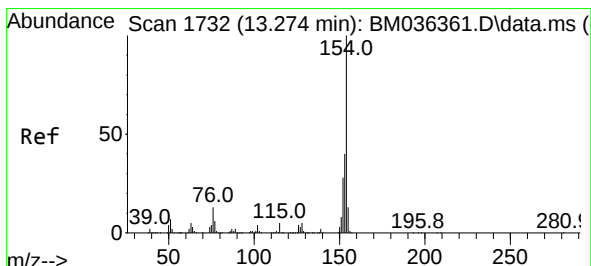
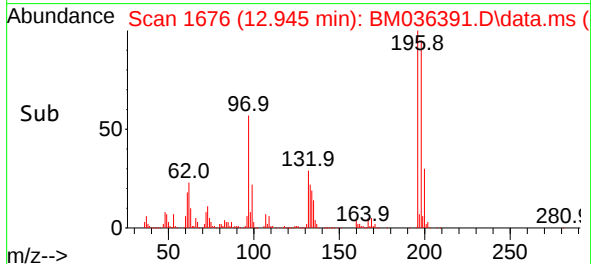
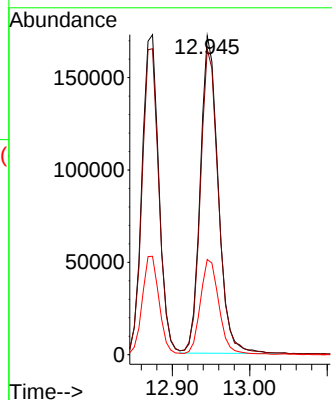


#42
2,4,5-Trichlorophenol
Concen: 19.117 ng/ul
RT: 12.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Instrument :
BNA_M
ClientSampleId :

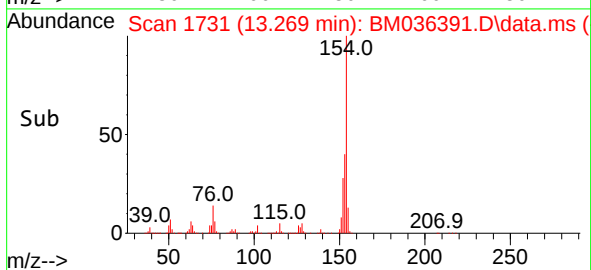
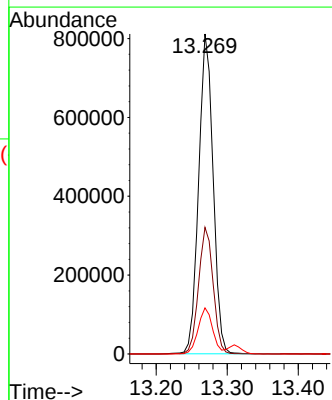
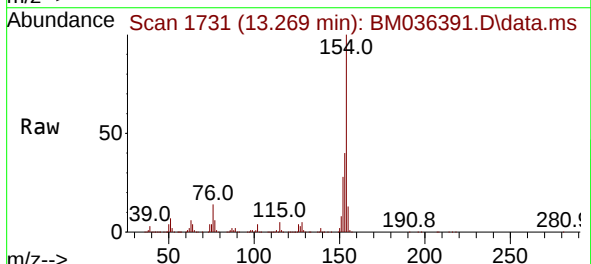


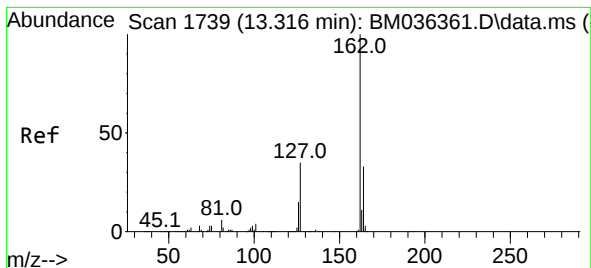
Tgt Ion:196 Resp: 275896
Ion Ratio Lower Upper
196 100
198 95.8 76.8 115.2
200 29.8 24.9 37.3



#43
1,1'-Biphenyl
Concen: 19.527 ng/ul
RT: 13.269 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:154 Resp: 1148888
Ion Ratio Lower Upper
154 100
153 39.5 32.4 48.6
76 14.4 10.1 15.1





#44

2-Chloronaphthalene

Concen: 18.980 ng/ul

RT: 13.310 min Scan# 1

Delta R.T. -0.006 min

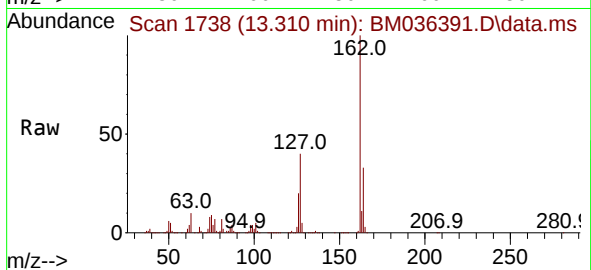
Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

Instrument :

BNA_M

ClientSampleId :



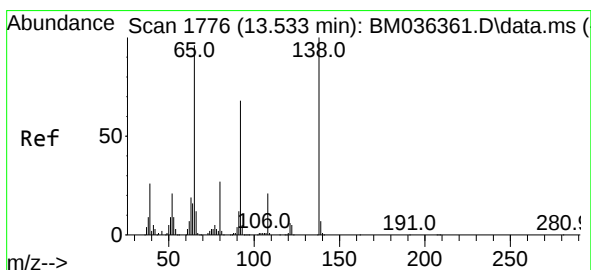
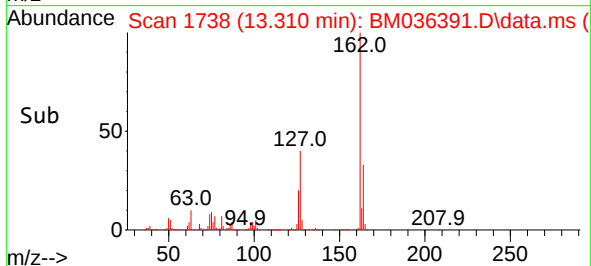
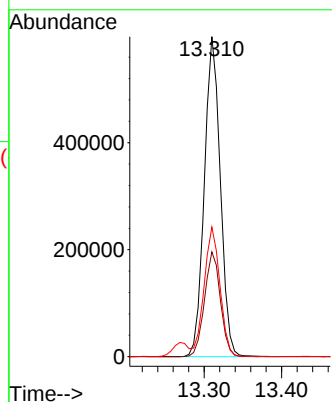
Tgt Ion:162 Resp: 856932

Ion Ratio Lower Upper

162 100

164 32.7 25.4 38.0

127 40.5 31.6 47.4



#45

2-Nitroaniline

Concen: 20.763 ng/ul

RT: 13.533 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

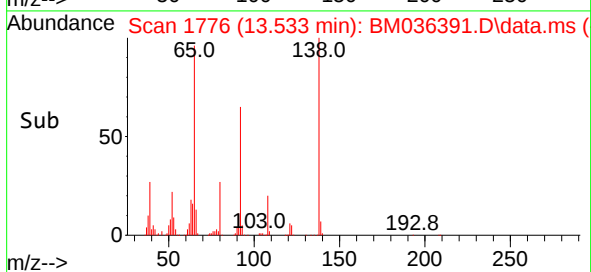
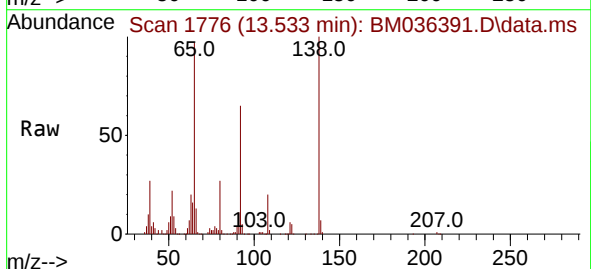
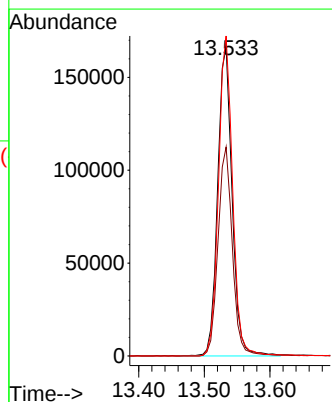
Tgt Ion: 65 Resp: 253845

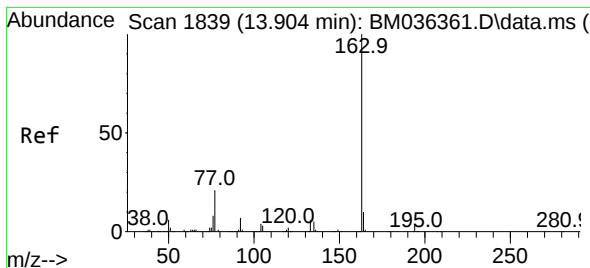
Ion Ratio Lower Upper

65 100

92 67.6 54.5 81.7

138 103.6 91.2 136.8





#47

Dimethylphthalate

Concen: 20.114 ng/ul

RT: 13.904 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

Instrument :

BNA_M

ClientSampleId :

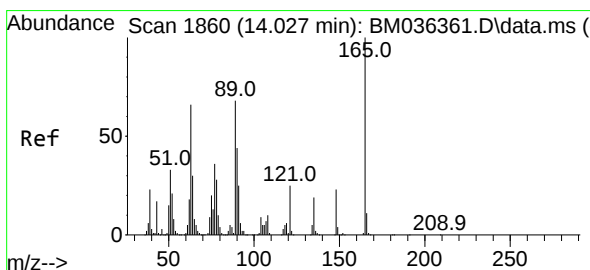
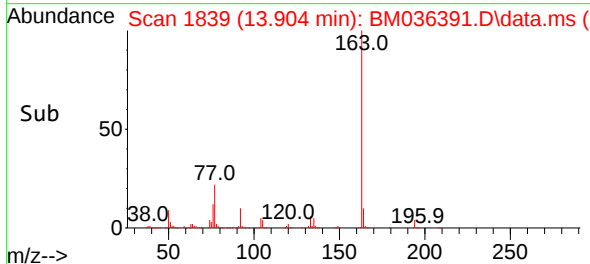
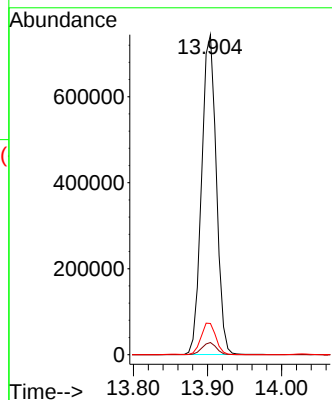
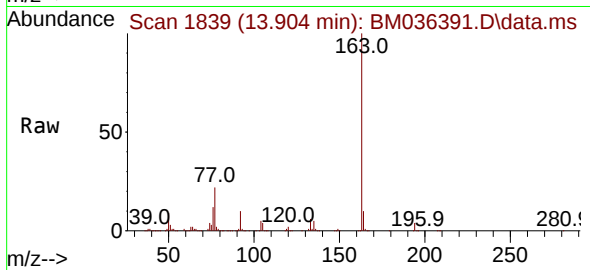
Tgt Ion:163 Resp: 1024714

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 9.8 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 19.962 ng/ul

RT: 14.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

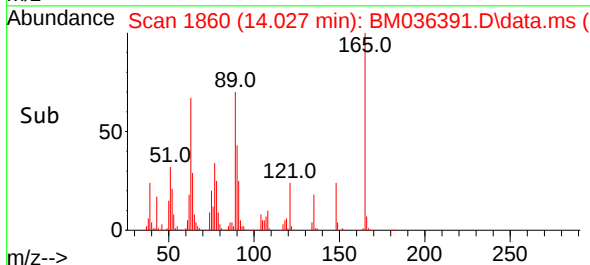
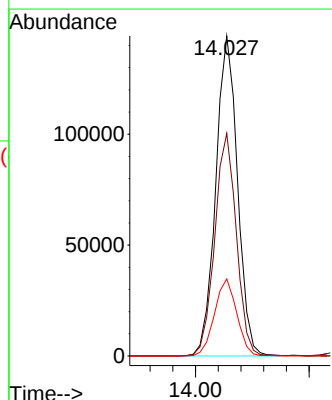
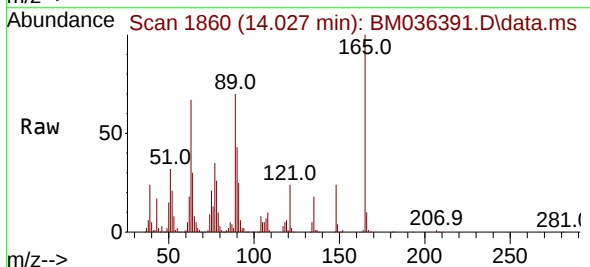
Tgt Ion:165 Resp: 191879

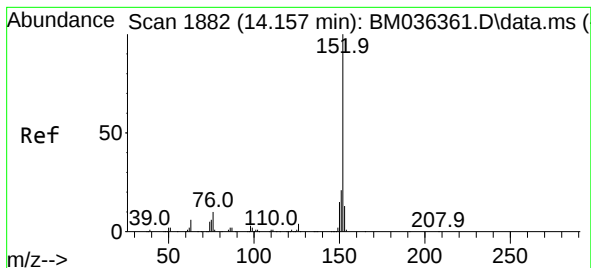
Ion Ratio Lower Upper

165 100

89 69.5 42.5 63.7#

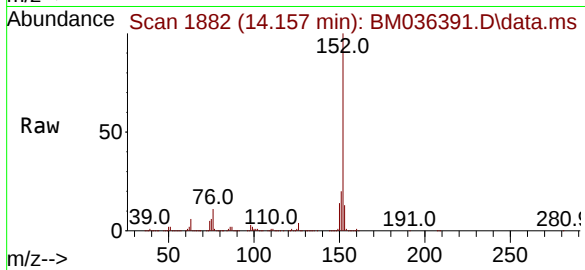
121 24.1 17.2 25.8



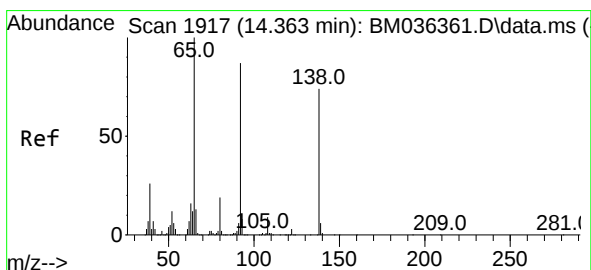
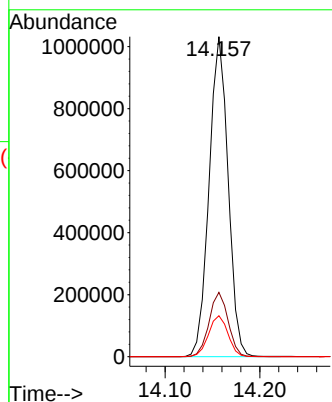
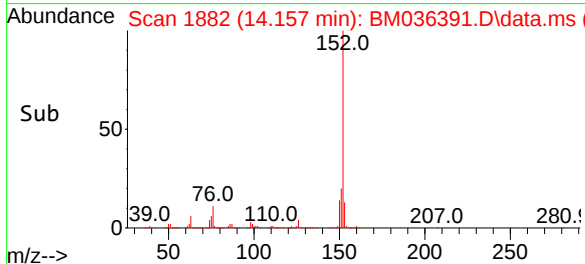


#50
Acenaphthylene
Concen: 19.745 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

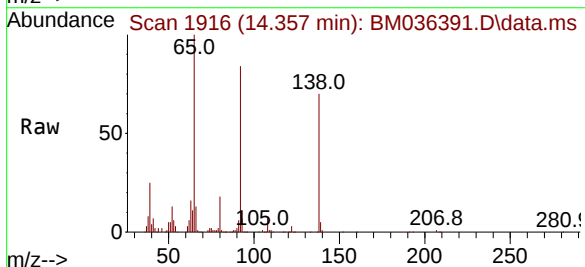
Instrument :
BNA_M
ClientSampleId :



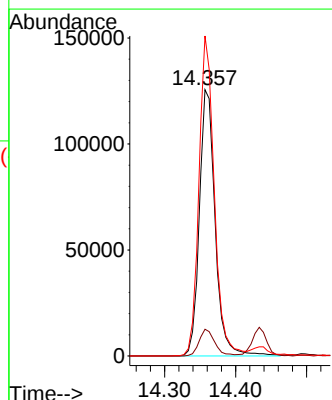
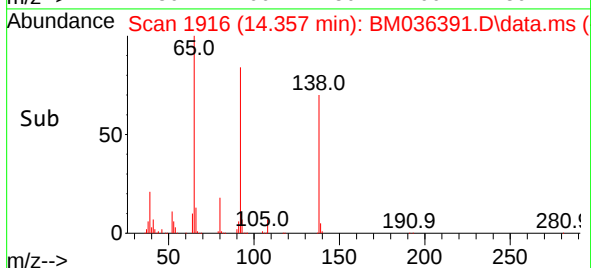
Tgt Ion:152 Resp: 1437303
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 12.8 10.6 15.8

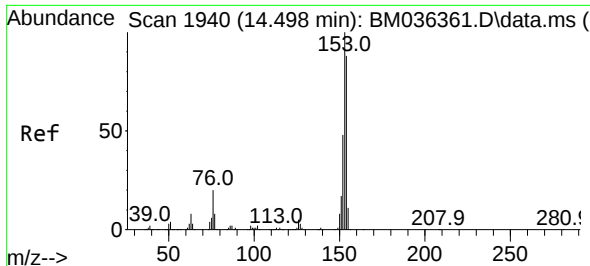


#51
3-Nitroaniline
Concen: 18.565 ng/ul
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44



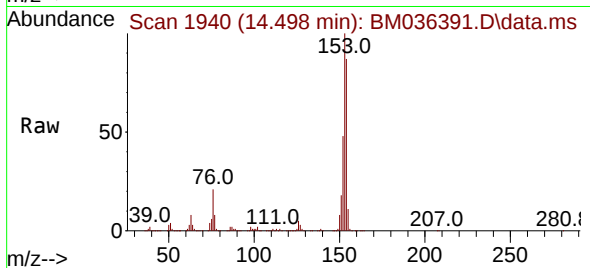
Tgt Ion:138 Resp: 195151
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 120.2 90.4 135.6



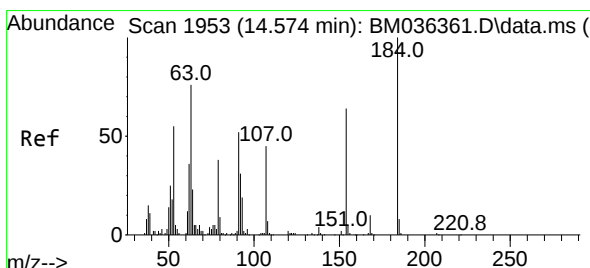
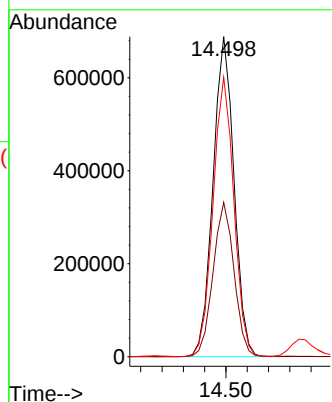
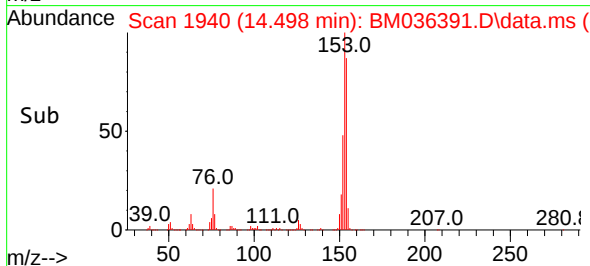


#52
Acenaphthene
Concen: 19.811 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

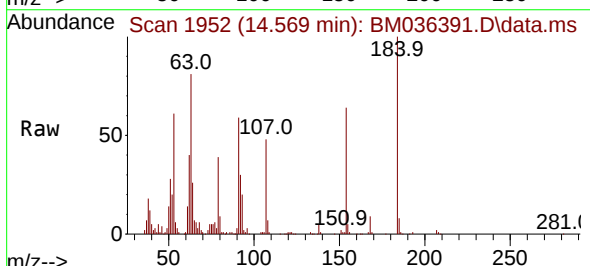
Instrument :
BNA_M
ClientSampleId :



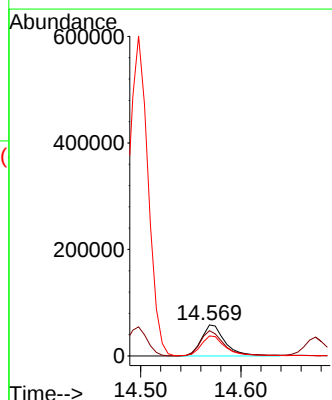
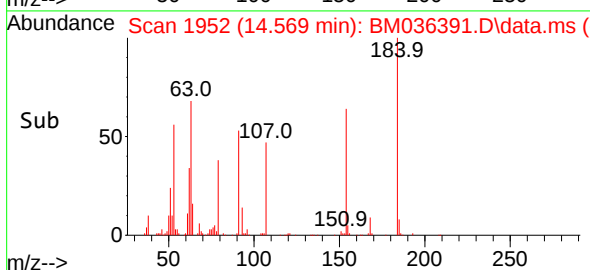
Tgt Ion:153 Resp: 939953
Ion Ratio Lower Upper
153 100
152 48.2 37.1 55.7
154 87.3 71.3 106.9

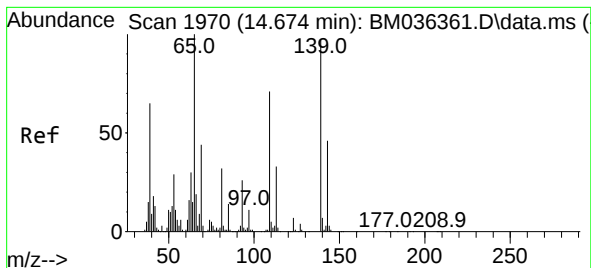


#53
2,4-Dinitrophenol
Concen: 18.293 ng/ul
RT: 14.569 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44



Tgt Ion:184 Resp: 95828
Ion Ratio Lower Upper
184 100
63 81.4 54.2 81.4#
154 64.5 49.3 73.9

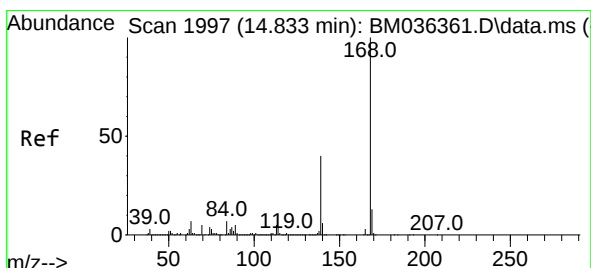
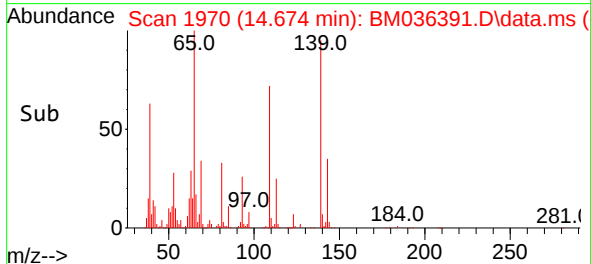
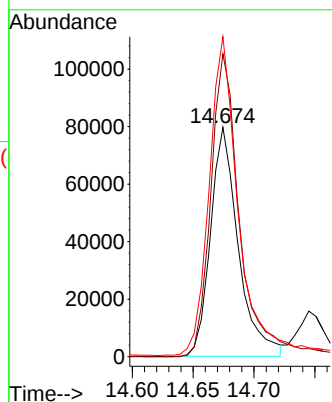
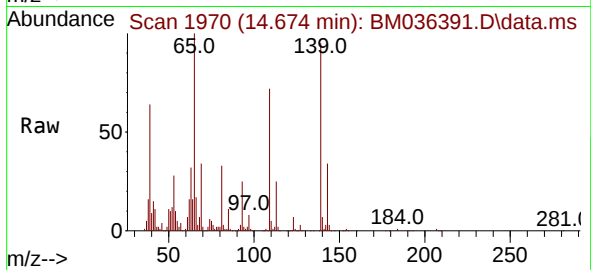




#55
4-Nitrophenol
Concen: 17.030 ng/ul
RT: 14.674 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

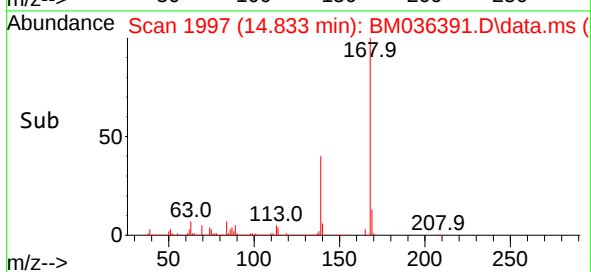
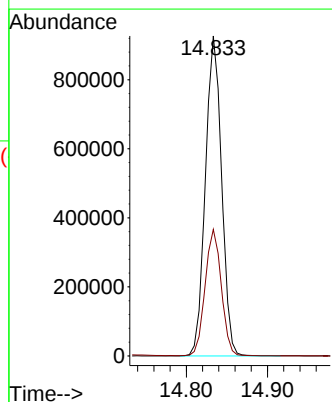
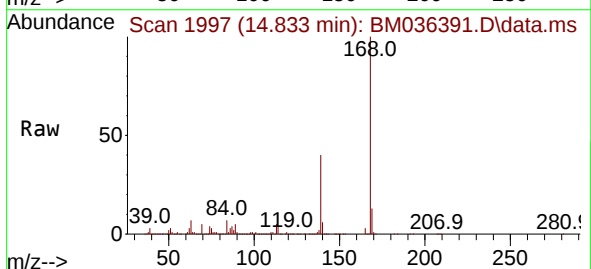
Instrument :
BNA_M
ClientSampleId :

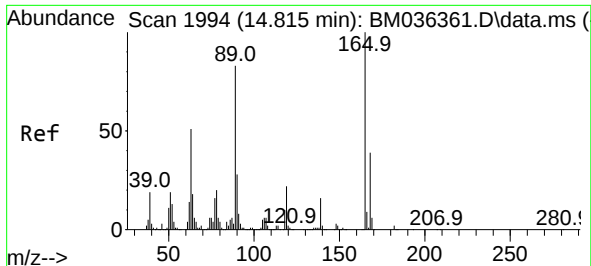
Tgt Ion:109 Resp: 126180
Ion Ratio Lower Upper
109 100
139 132.1 124.9 187.3
65 139.6 122.2 183.4



#56
Dibenzofuran
Concen: 19.494 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

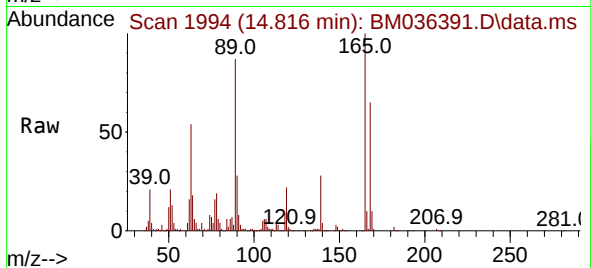
Tgt Ion:168 Resp: 1283383
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1



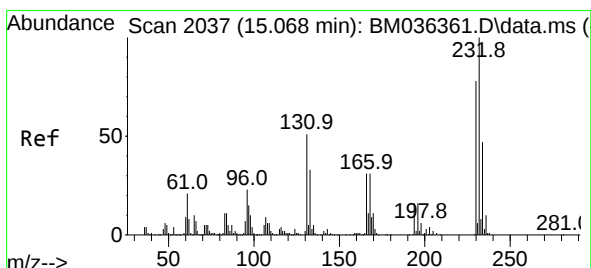
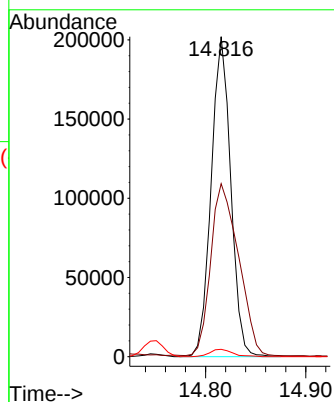
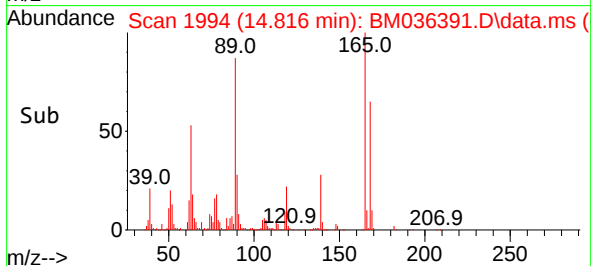


#57
2,4-Dinitrotoluene
Concen: 20.043 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

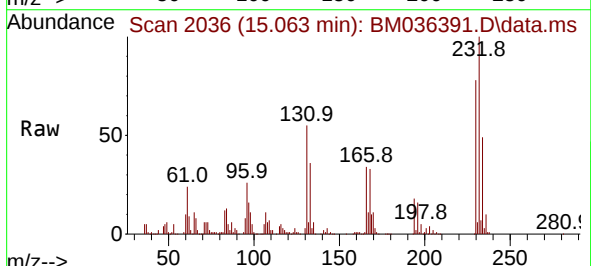
Instrument :
BNA_M
ClientSampleId :



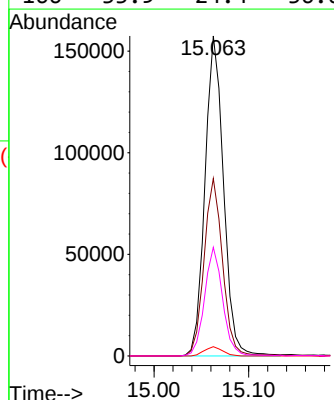
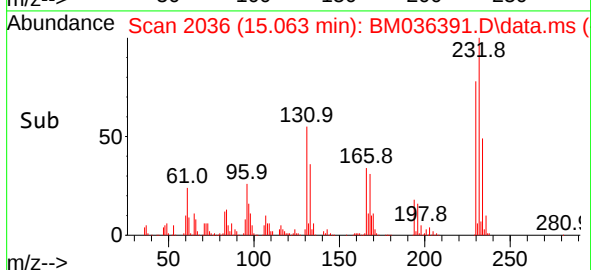
Tgt Ion:165 Resp: 273216
Ion Ratio Lower Upper
165 100
63 54.1 35.9 53.9#
182 2.3 2.5 3.7#

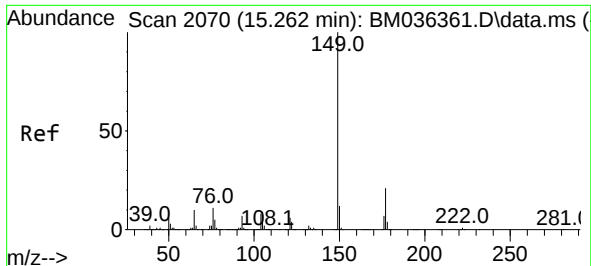


#58
2,3,4,6-Tetrachlorophenol
Concen: 19.613 ng/ul
RT: 15.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44



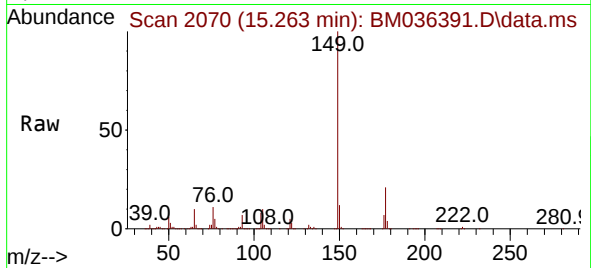
Tgt Ion:232 Resp: 214923
Ion Ratio Lower Upper
232 100
131 55.4 36.7 55.1#
130 2.9 1.7 2.5#
166 33.9 24.4 36.6



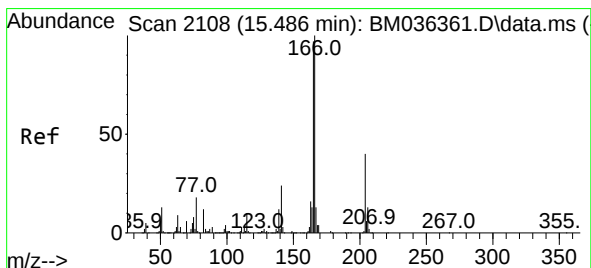
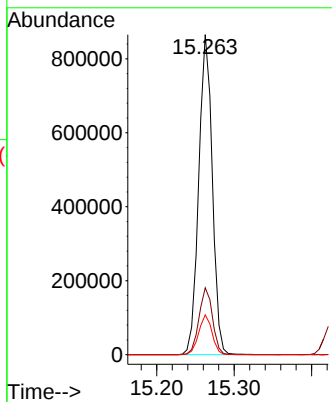
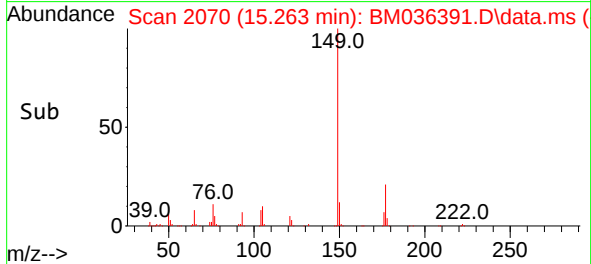


#59
Diethylphthalate
Concen: 20.944 ng/ul
RT: 15.263 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Instrument :
BNA_M
ClientSampleId :

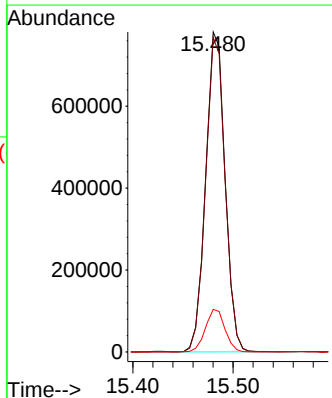
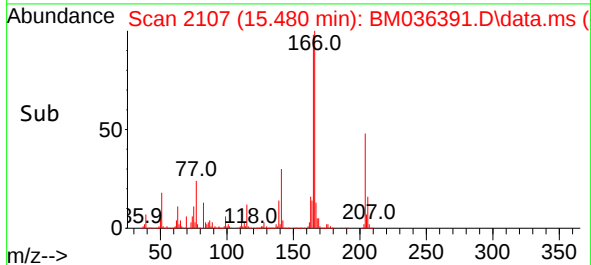
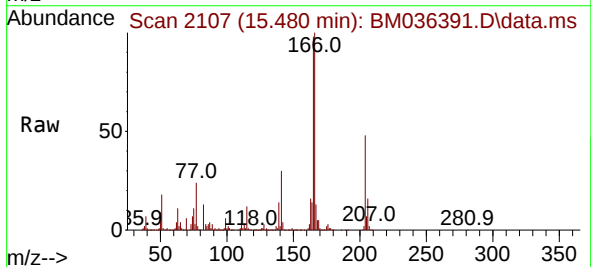


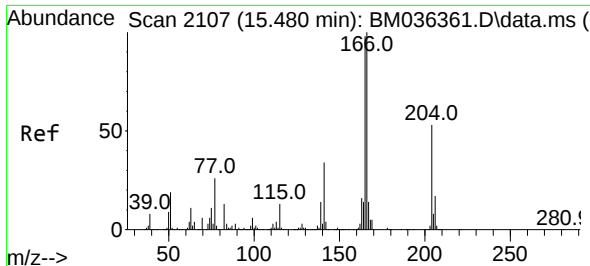
Tgt Ion:149 Resp: 1051782
Ion Ratio Lower Upper
149 100
177 20.9 16.8 25.2
150 12.4 10.2 15.4



#61
Fluorene
Concen: 20.154 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:166 Resp: 1052408
Ion Ratio Lower Upper
166 100
165 98.3 77.2 115.8
167 13.3 11.0 16.4

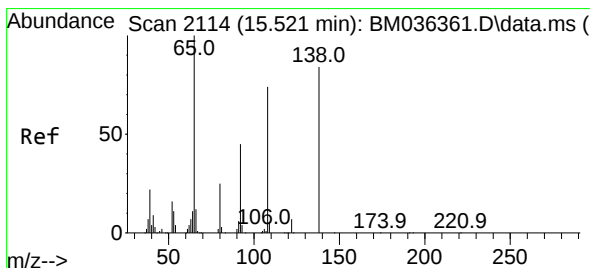
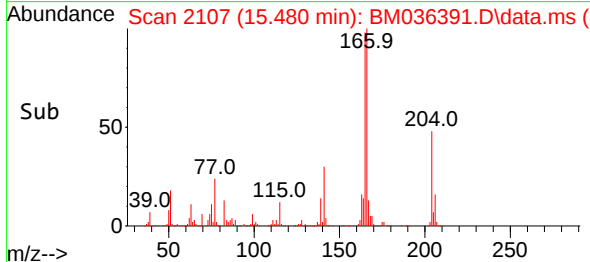
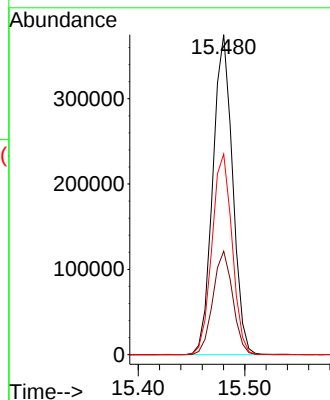
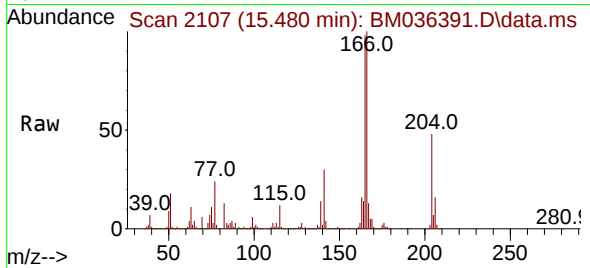




#62
4-Chlorophenyl-phenylether
Concen: 19.809 ng/ul
RT: 15.480 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

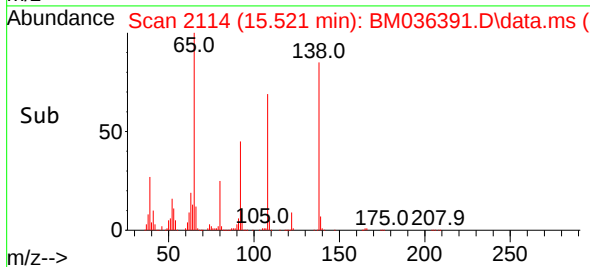
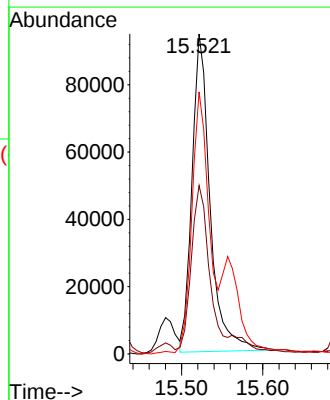
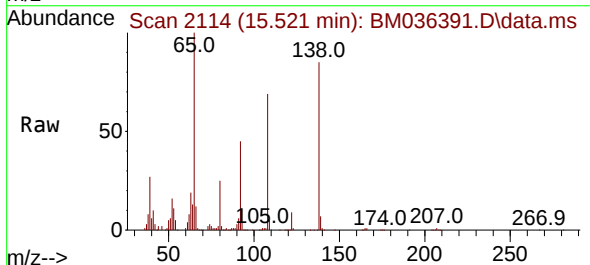
Instrument :
BNA_M
ClientSampleId :

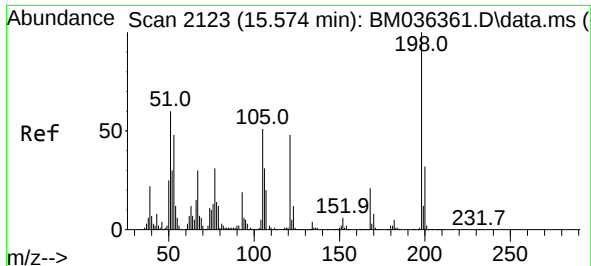
Tgt Ion:204 Resp: 483184
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 62.7 50.6 75.8



#63
4-Nitroaniline
Concen: 14.933 ng/ul
RT: 15.521 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:138 Resp: 146428
Ion Ratio Lower Upper
138 100
92 52.7 39.2 58.8
108 81.9 51.6 77.4#

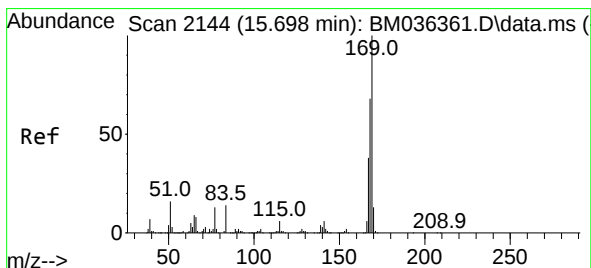
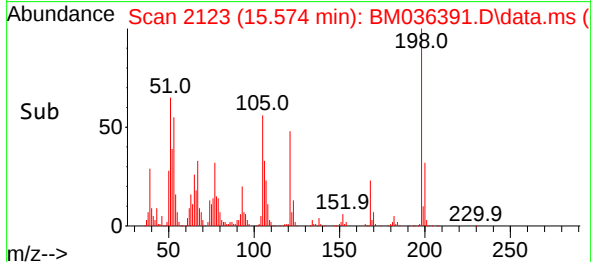
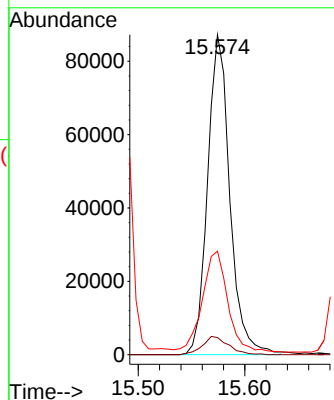
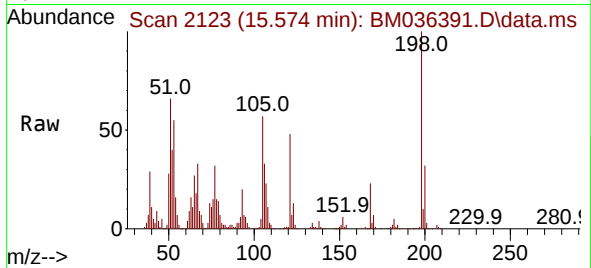




#66
 4,6-Dinitro-2-methylphenol
 Concen: 16.878 ng/ul
 RT: 15.574 min Scan# 2123
 Delta R.T. 0.000 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

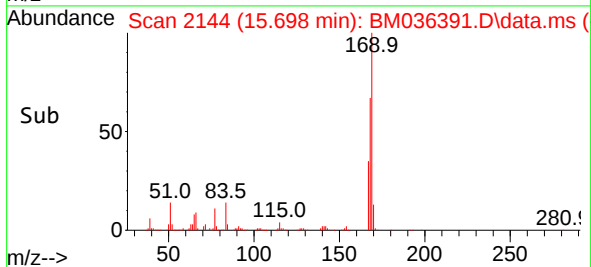
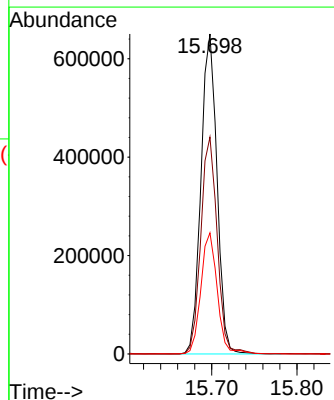
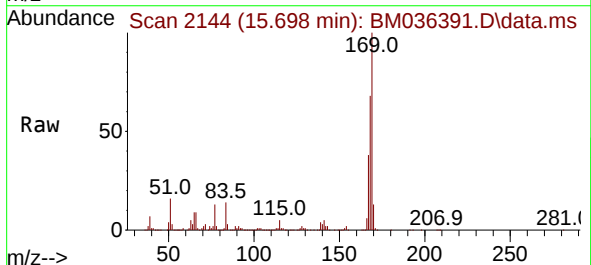
Instrument :
 BNA_M
 ClientSampleId :

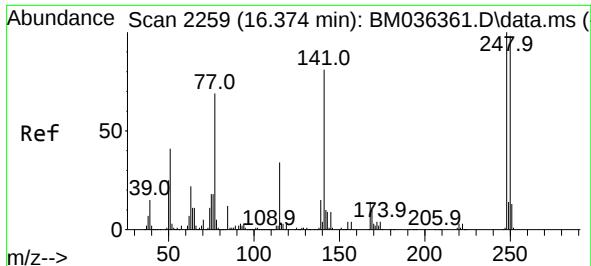
Tgt Ion:198 Resp: 126738
 Ion Ratio Lower Upper
 198 100
 182 5.4 4.2 6.4
 77 32.4 19.9 29.9#



#67
 N-Nitrosodiphenylamine
 Concen: 20.563 ng/ul
 RT: 15.698 min Scan# 2144
 Delta R.T. 0.000 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

Tgt Ion:169 Resp: 849244
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.8 80.6
 167 37.8 28.7 43.1

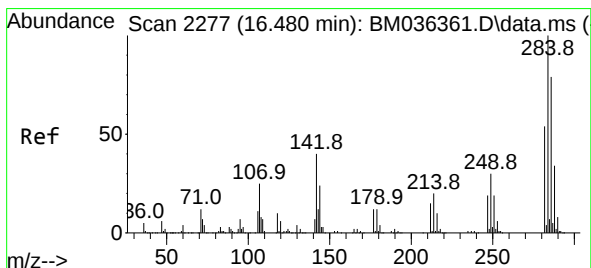
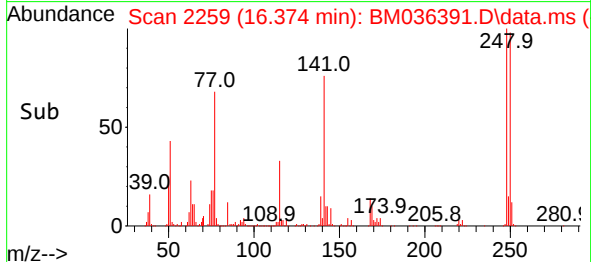
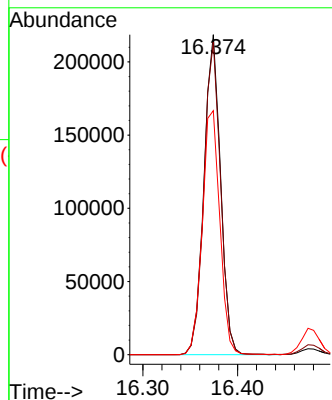
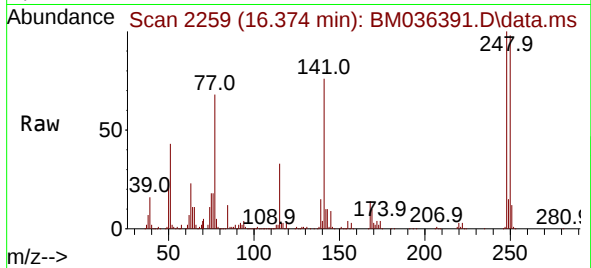




#68
4-Bromophenyl-phenylether
Concen: 19.995 ng/ul
RT: 16.374 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

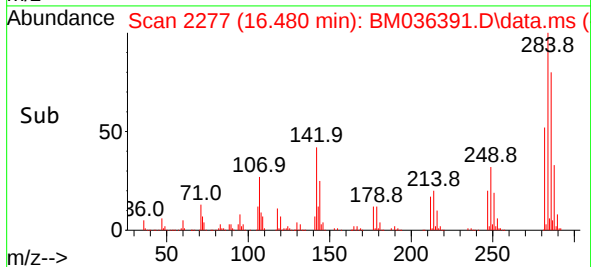
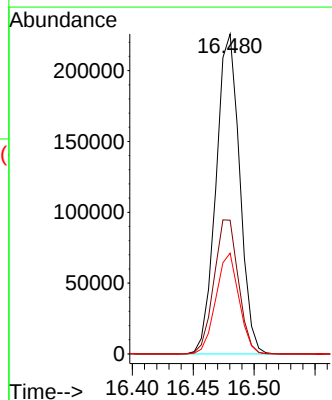
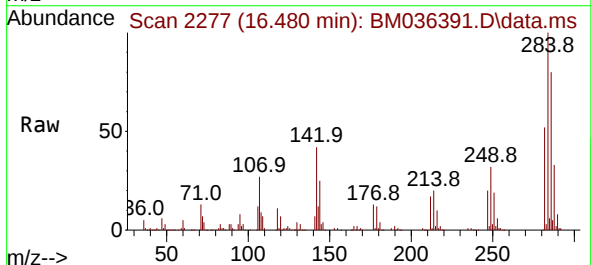
Instrument :
BNA_M
ClientSampleId :

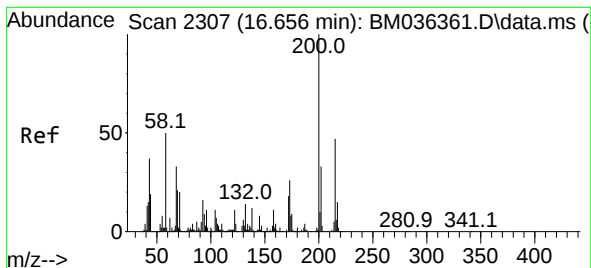
Tgt Ion:248 Resp: 267458
Ion Ratio Lower Upper
248 100
250 97.7 77.3 115.9
141 76.3 59.8 89.8



#69
Hexachlorobenzene
Concen: 18.811 ng/ul
RT: 16.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:284 Resp: 304934
Ion Ratio Lower Upper
284 100
142 41.8 28.6 42.8
249 31.5 24.6 37.0





#70

Atrazine

Concen: 19.165 ng/ul

RT: 16.651 min Scan# 21

Delta R.T. -0.006 min

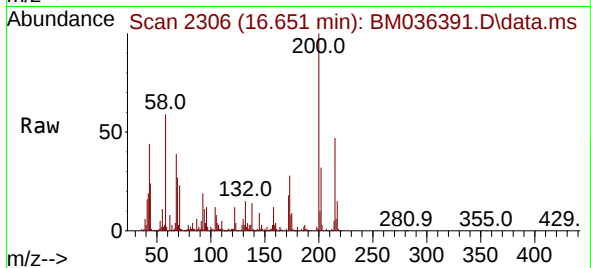
Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

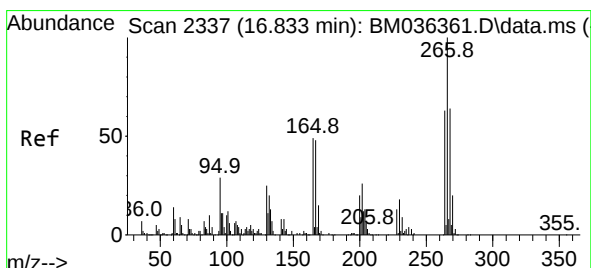
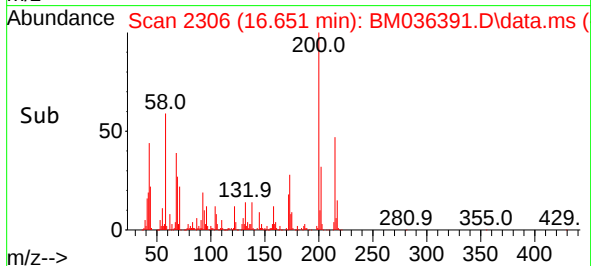
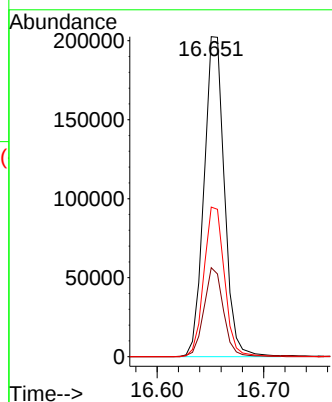
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	200	Resp:	270442
Ion Ratio	Lower	Upper	
200	100		
173	27.8	21.3	31.9
215	46.7	39.0	58.6



#71

Pentachlorophenol

Concen: 19.516 ng/ul

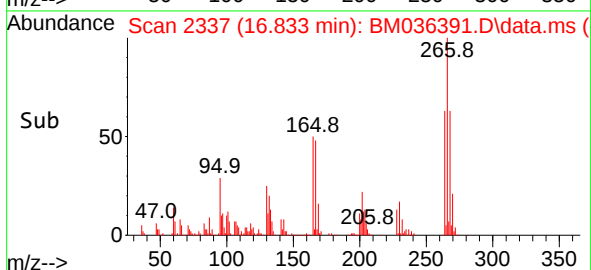
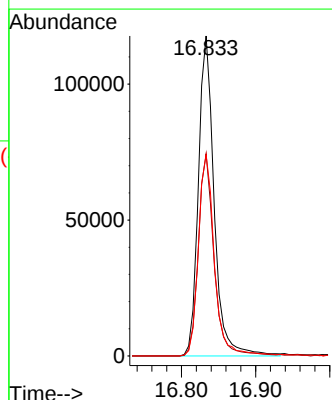
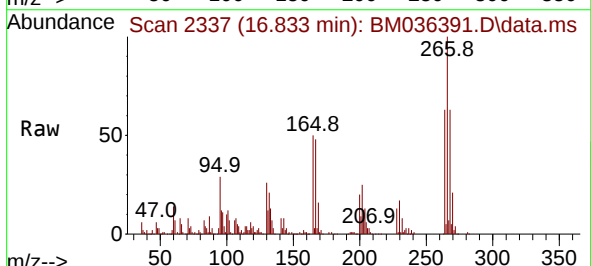
RT: 16.833 min Scan# 2337

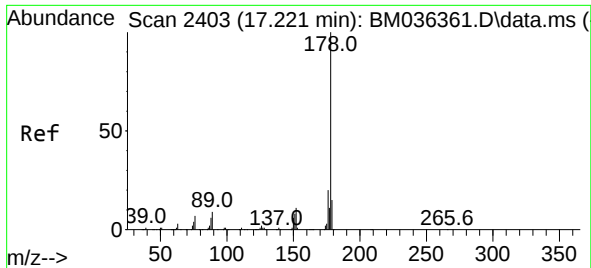
Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

Tgt Ion:	266	Resp:	174406
Ion Ratio	Lower	Upper	
266	100		
264	63.1	49.5	74.3
268	62.9	51.0	76.4

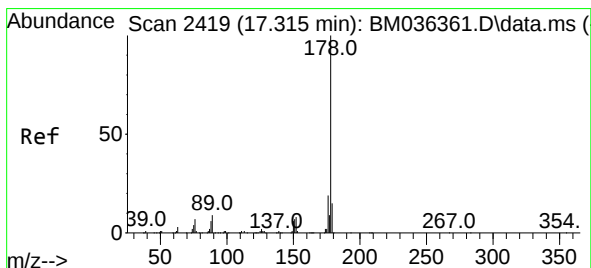
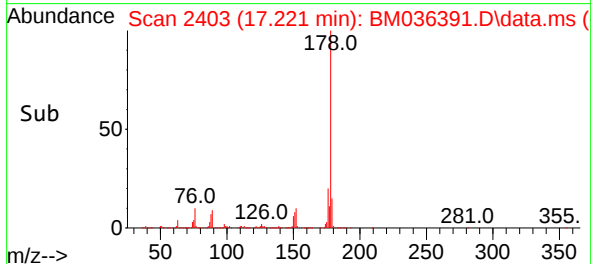
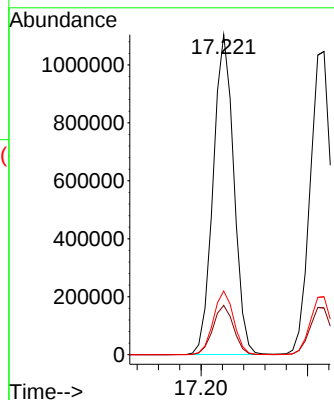
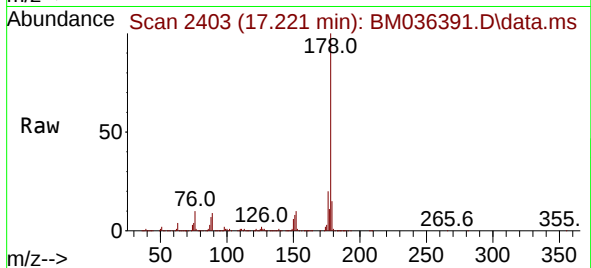




#72
Phenanthrene
Concen: 19.547 ng/ul
RT: 17.221 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

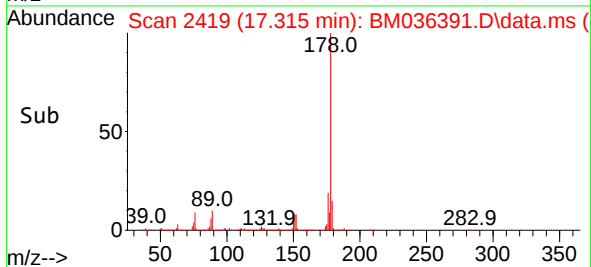
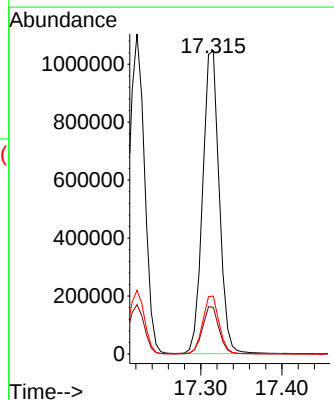
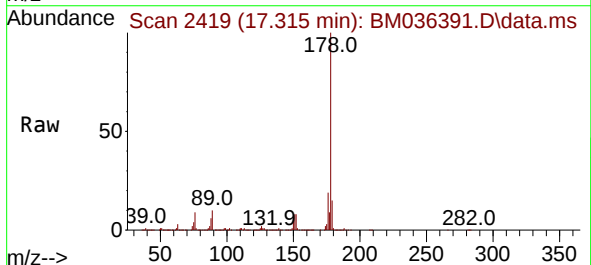
Instrument :
BNA_M
ClientSampleId :

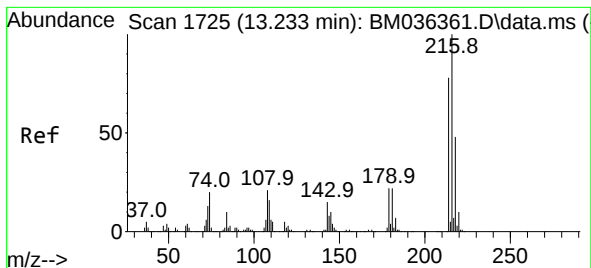
Tgt Ion:178 Resp: 1484465
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.9 14.9 22.3



#74
Anthracene
Concen: 19.451 ng/ul
RT: 17.315 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:178 Resp: 1480920
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.1 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.060 ng/uL

RT: 13.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

Instrument :

BNA_M

ClientSampleId :

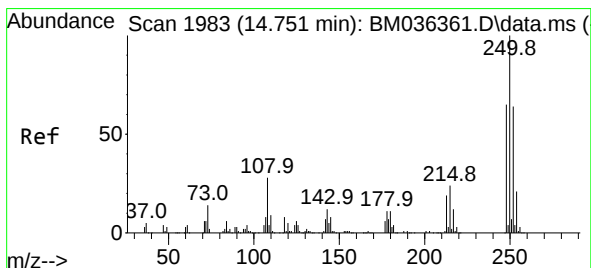
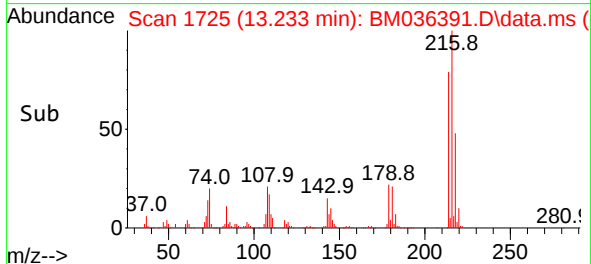
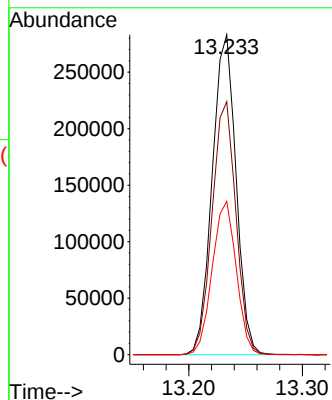
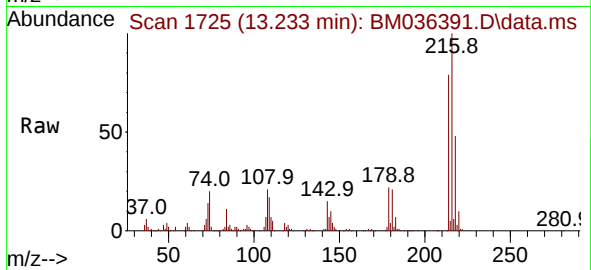
Tgt Ion:216 Resp: 413124

Ion Ratio Lower Upper

216 100

214 79.1 60.9 91.3

218 47.9 37.5 56.3



#76

Pentachlorobenzene

Concen: 19.558 ng/uL

RT: 14.751 min Scan# 1983

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

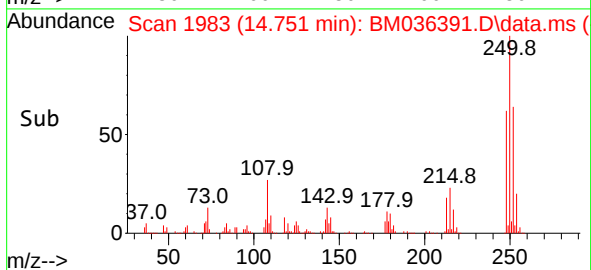
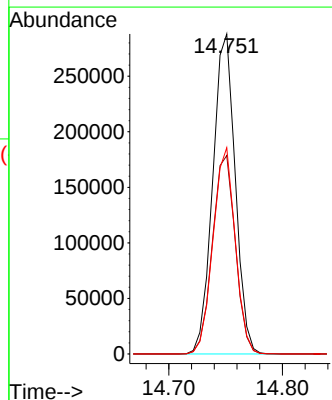
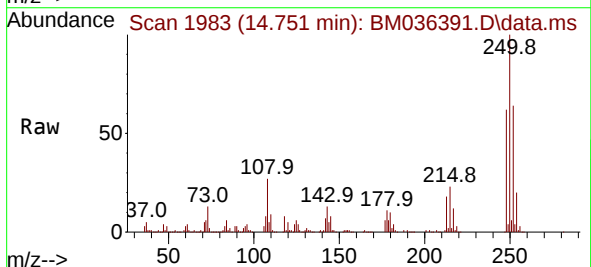
Tgt Ion:250 Resp: 395837

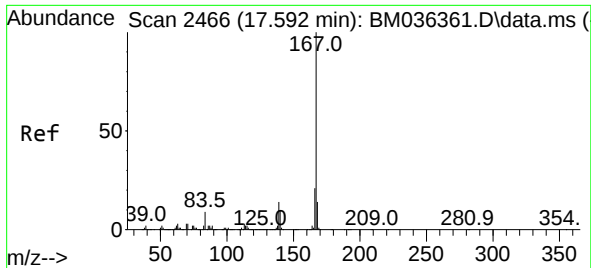
Ion Ratio Lower Upper

250 100

248 62.0 50.4 75.6

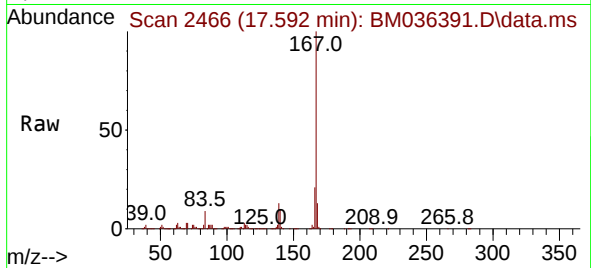
252 64.4 51.1 76.7



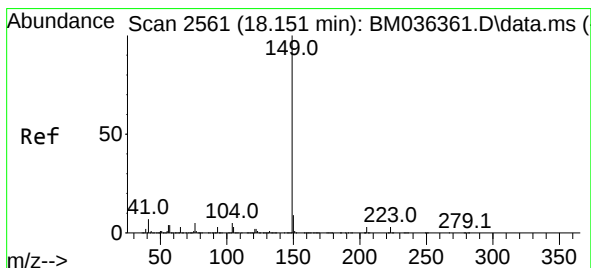
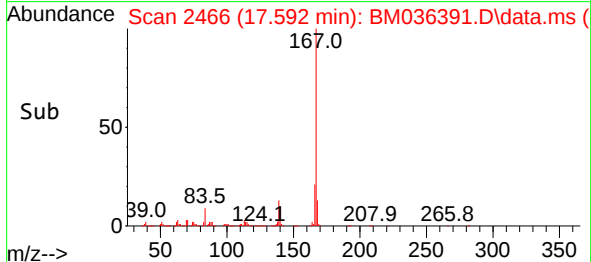
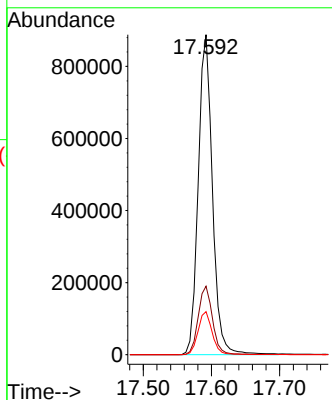


#77
 Carbazole
 Concen: 18.052 ng/ul
 RT: 17.592 min Scan# 2466
 Delta R.T. 0.000 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

Instrument :
 BNA_M
 ClientSampleId :

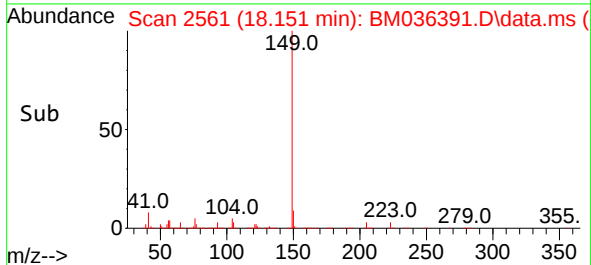
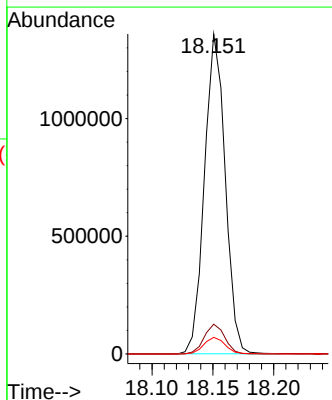
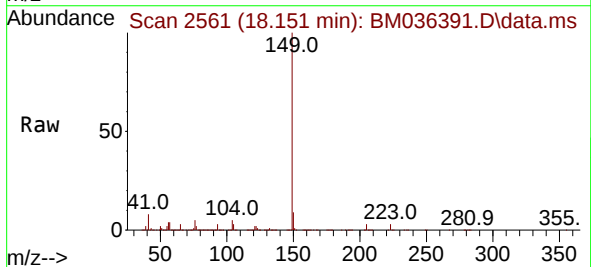


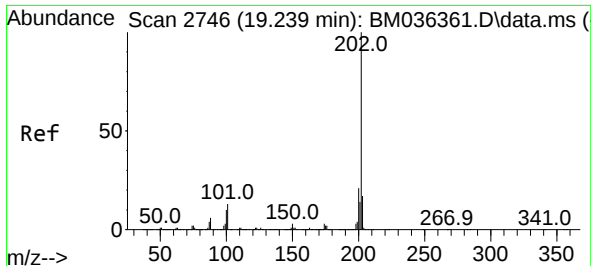
Tgt Ion:167 Resp: 1286856
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.5 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 20.576 ng/ul
 RT: 18.151 min Scan# 2561
 Delta R.T. 0.000 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

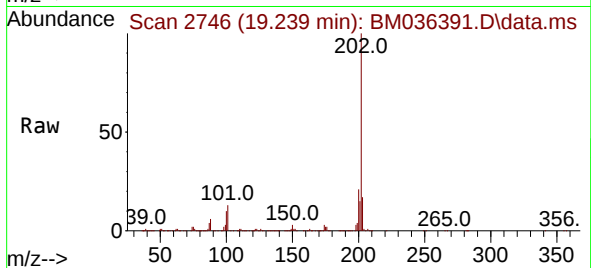
Tgt Ion:149 Resp: 1604343
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.2 3.7 5.5





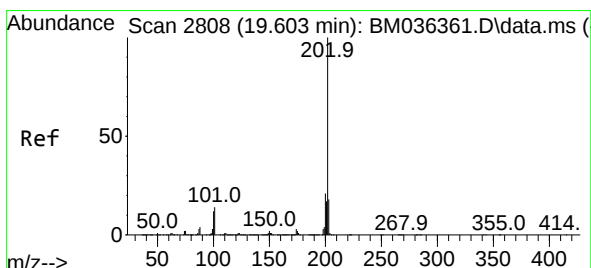
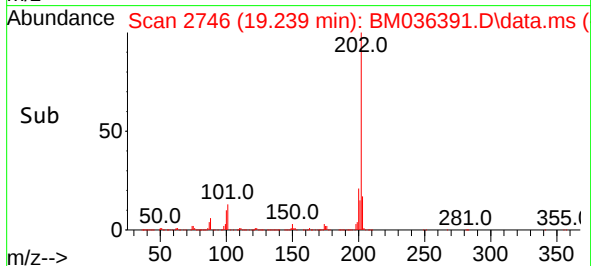
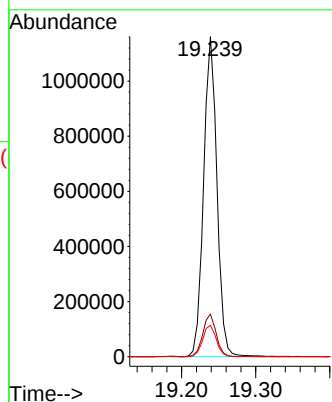
#80
 Fluoranthene
 Concen: 21.909 ng/u1
 RT: 19.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:202 Resp: 1451499

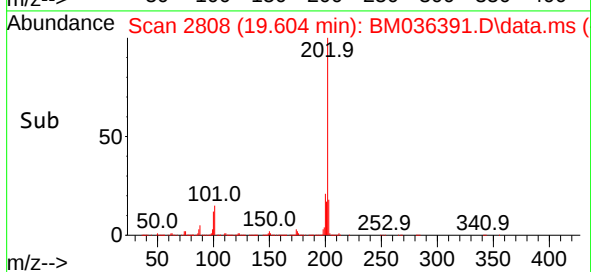
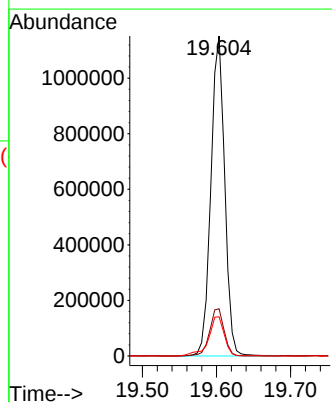
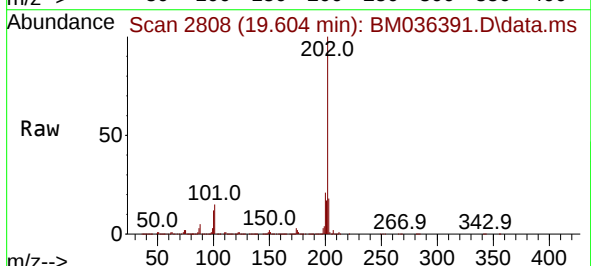
Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.1	15.1
100	9.8	7.8	11.6

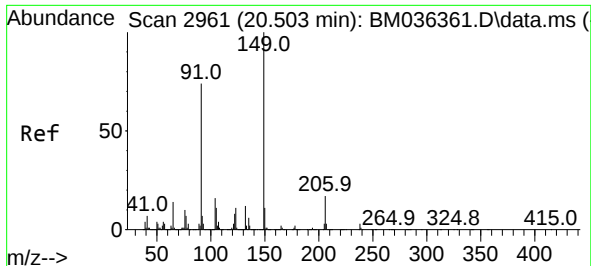


#82
 Pyrene
 Concen: 21.490 ng/u1
 RT: 19.604 min Scan# 2808
 Delta R.T. 0.000 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

Tgt Ion:202 Resp: 1485720

Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.9	17.9
100	12.2	10.2	15.4

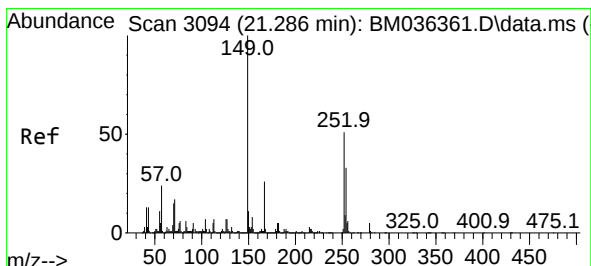
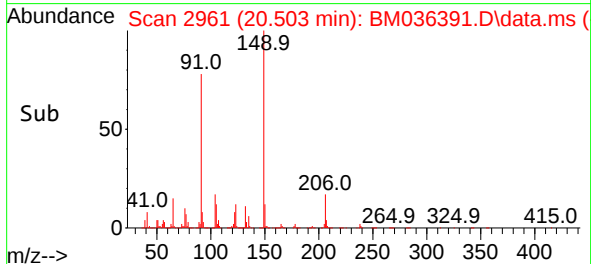
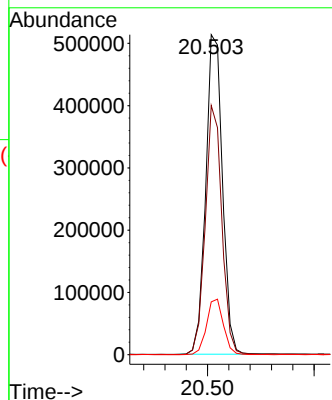
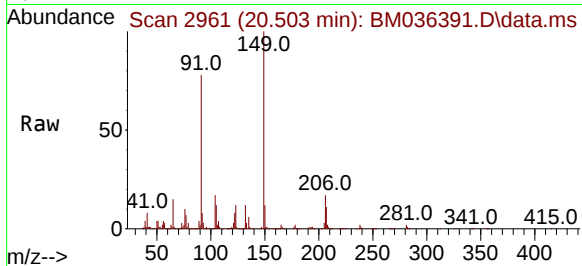




#83
Butylbenzylphthalate
Concen: 21.711 ng/ul
RT: 20.503 min Scan# 2961
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

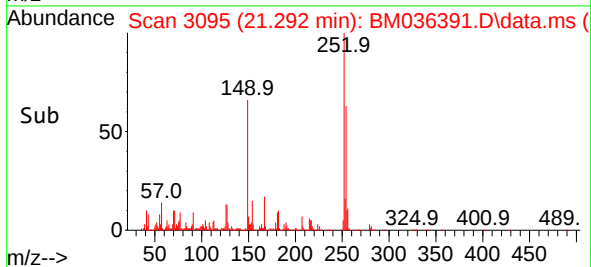
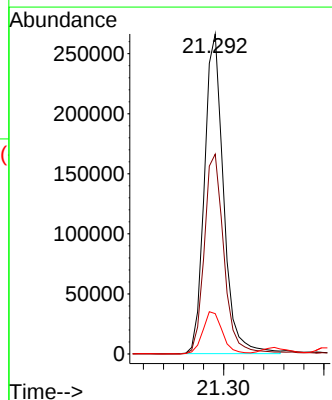
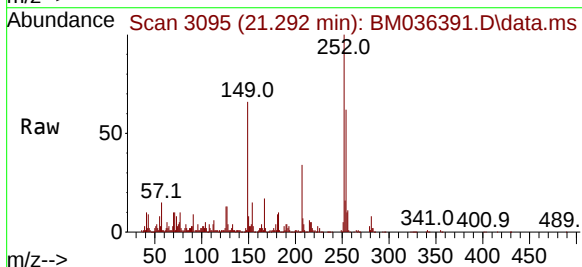
Instrument :
BNA_M
ClientSampleId :

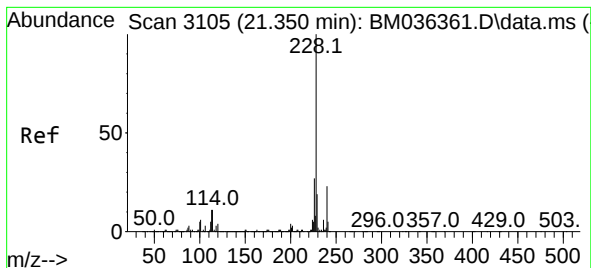
Tgt Ion:149 Resp: 561536
Ion Ratio Lower Upper
149 100
91 77.8 53.2 79.8
206 16.5 16.0 24.0



#84
3,3'-Dichlorobenzidine
Concen: 16.233 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.006 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:252 Resp: 353250
Ion Ratio Lower Upper
252 100
254 62.5 52.4 78.6
126 12.6 10.8 16.2





#85

Benzo(a)anthracene

Concen: 19.463 ng/ul

RT: 21.350 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

Instrument :

BNA_M

ClientSampleId :

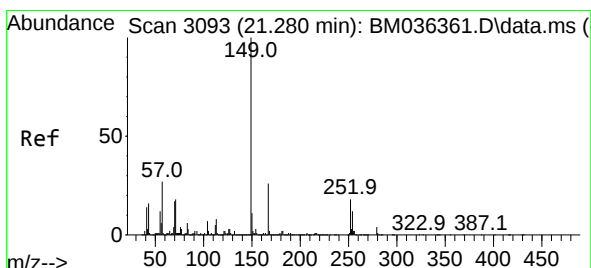
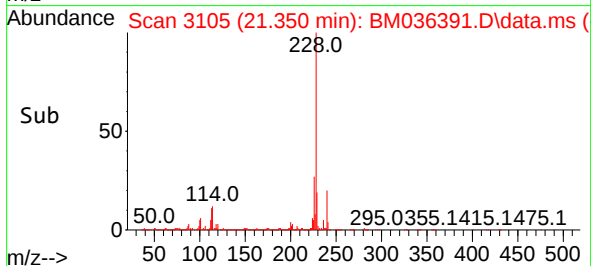
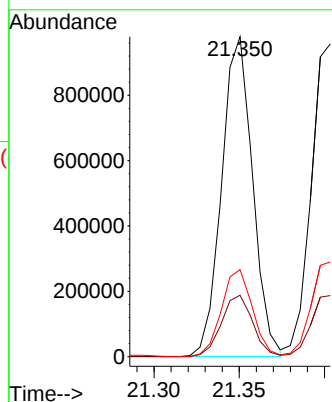
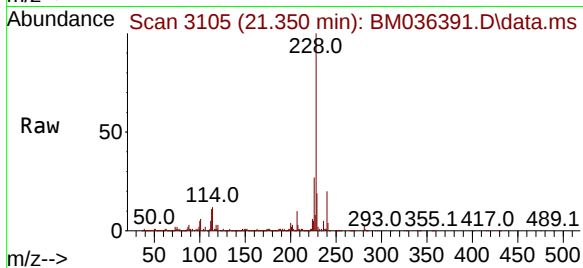
Tgt Ion:228 Resp: 1235995

Ion Ratio Lower Upper

228 100

229 19.2 15.6 23.4

226 27.2 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.419 ng/ul

RT: 21.280 min Scan# 3093

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

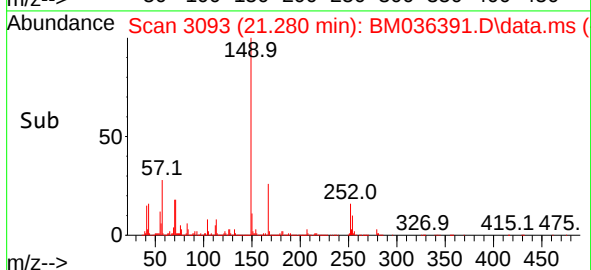
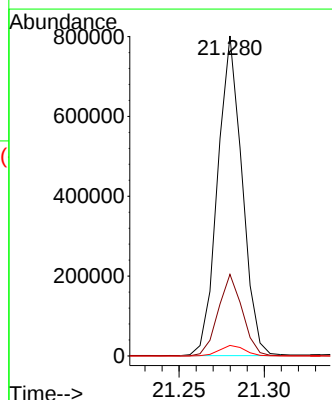
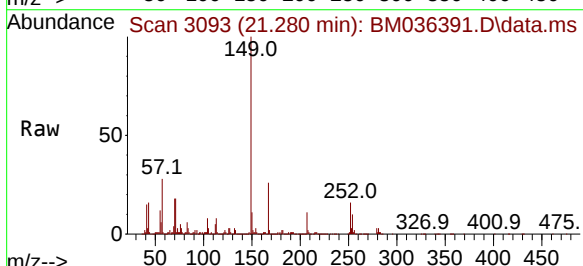
Tgt Ion:149 Resp: 800595

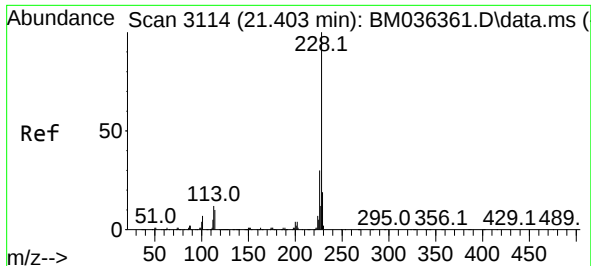
Ion Ratio Lower Upper

149 100

167 25.5 21.5 32.3

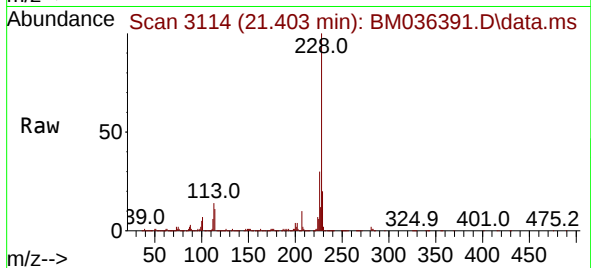
279 3.3 3.4 5.2#



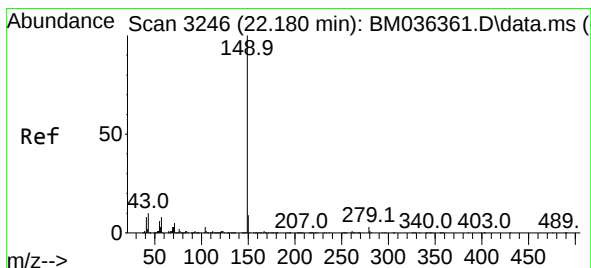
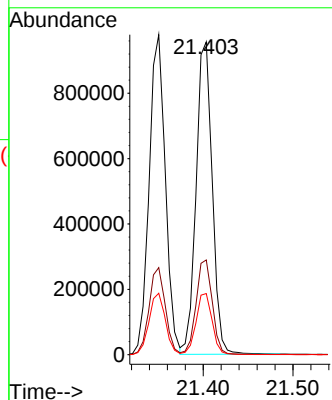
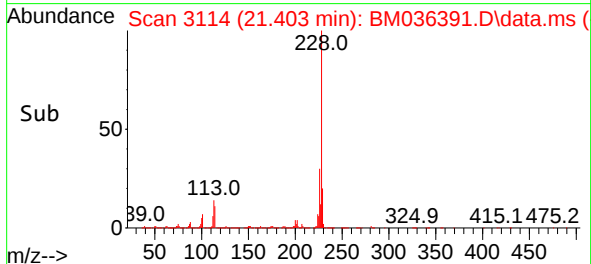


#87
Chrysene
Concen: 19.134 ng/ul
RT: 21.403 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Instrument :
BNA_M
ClientSampleId :

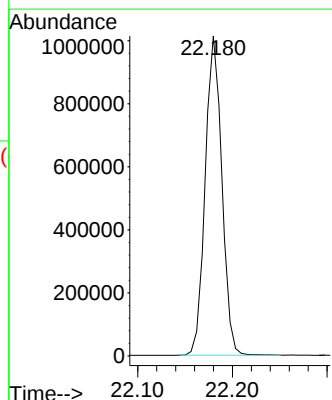
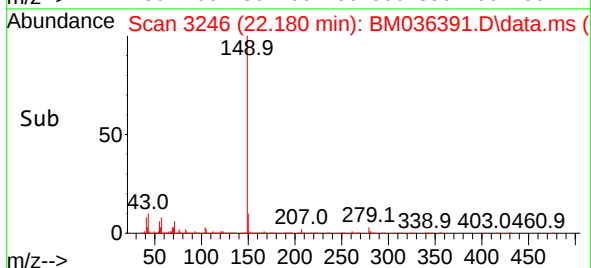
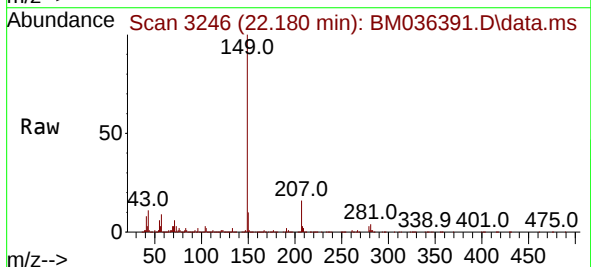


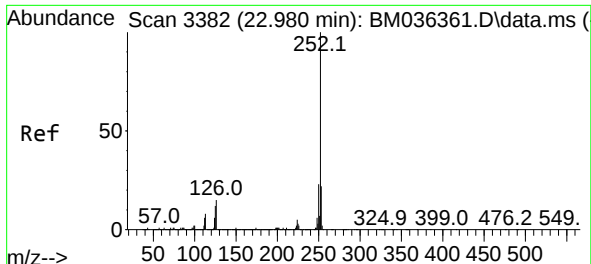
Tgt Ion:228 Resp: 1193942
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 19.5 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 21.226 ng/ul
RT: 22.180 min Scan# 3246
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:149 Resp: 1235823

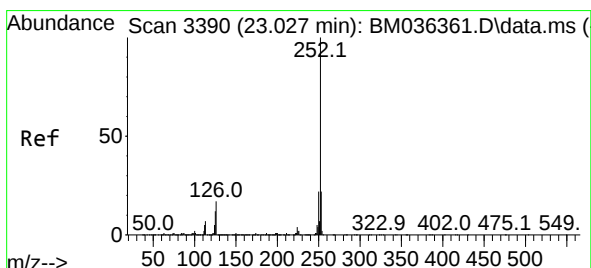
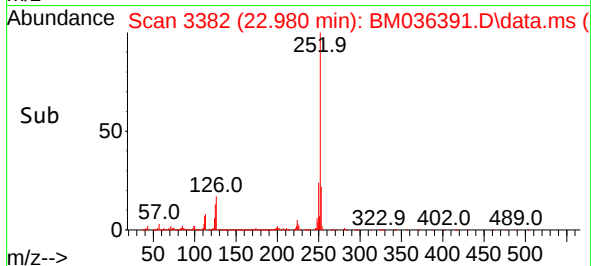
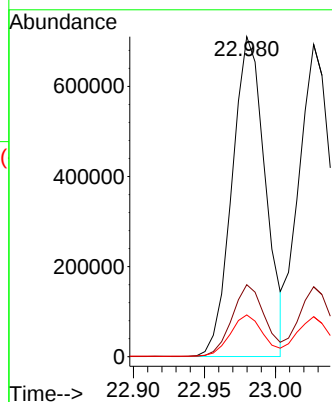
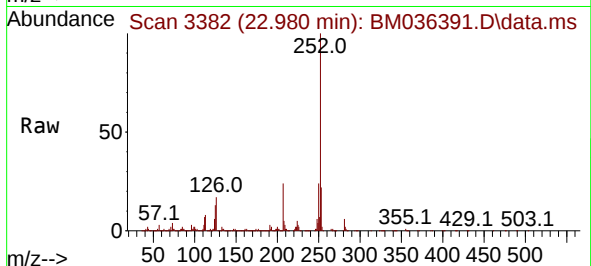




#90
Benzo(b)fluoranthene
Concen: 19.421 ng/ul
RT: 22.980 min Scan# 3382
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

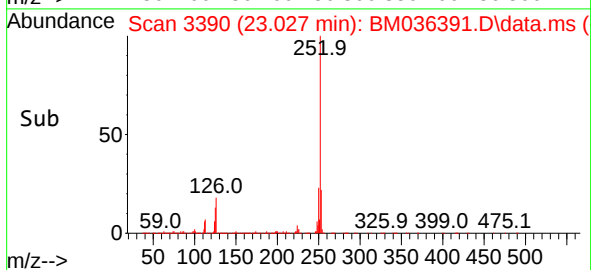
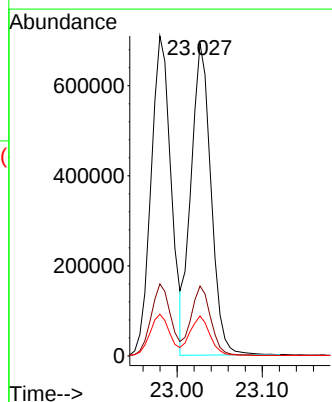
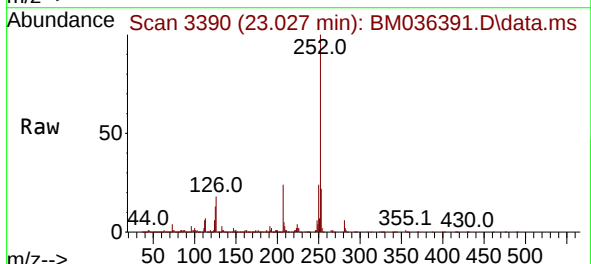
Instrument :
BNA_M
ClientSampleId :

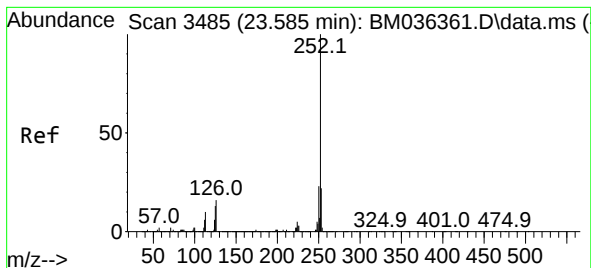
Tgt Ion:252 Resp: 1159710
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 13.0 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 19.827 ng/ul
RT: 23.027 min Scan# 3390
Delta R.T. 0.000 min
Lab File: BM036391.D
Acq: 23 Aug 2022 15:44

Tgt Ion:252 Resp: 1126410
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 12.8 10.6 15.8





#93

Benzo(a)pyrene

Concen: 19.546 ng/ul

RT: 23.586 min Scan# 3485

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

Instrument :

BNA_M

ClientSampleId :

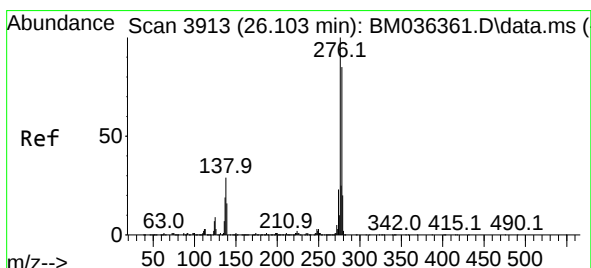
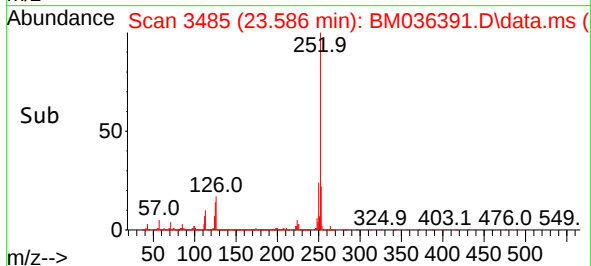
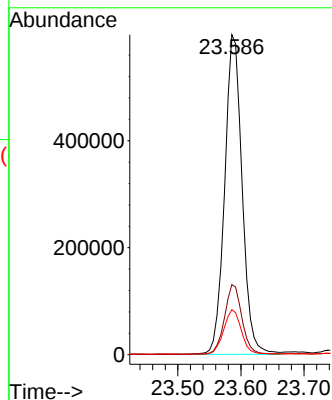
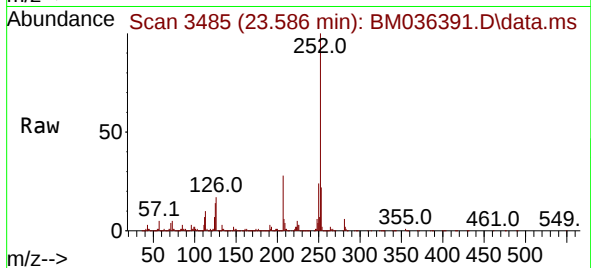
Tgt Ion:252 Resp: 1148253

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 14.0 11.8 17.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.377 ng/ul

RT: 26.103 min Scan# 3913

Delta R.T. 0.000 min

Lab File: BM036391.D

Acq: 23 Aug 2022 15:44

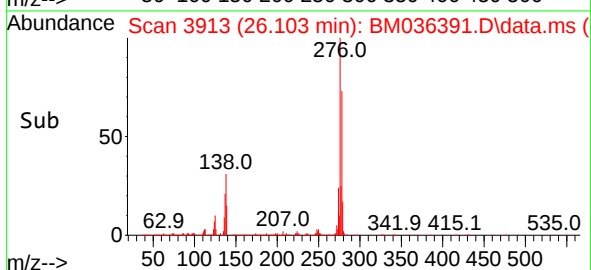
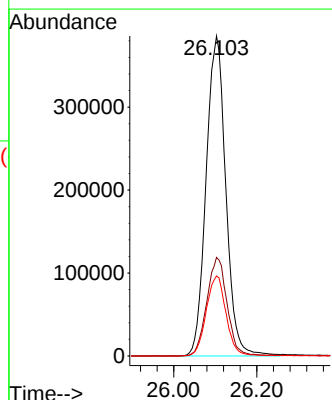
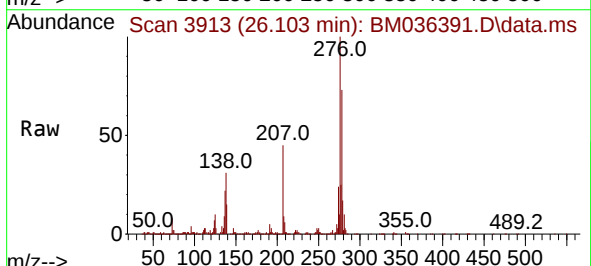
Tgt Ion:276 Resp: 1269277

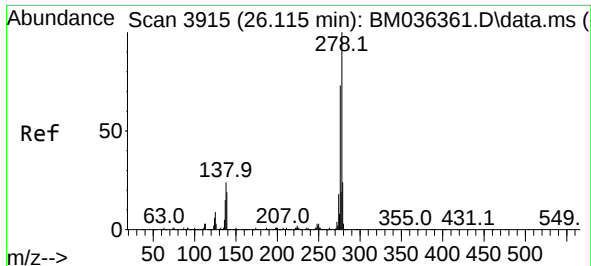
Ion Ratio Lower Upper

276 100

138 30.8 25.6 38.4

277 25.0 20.1 30.1



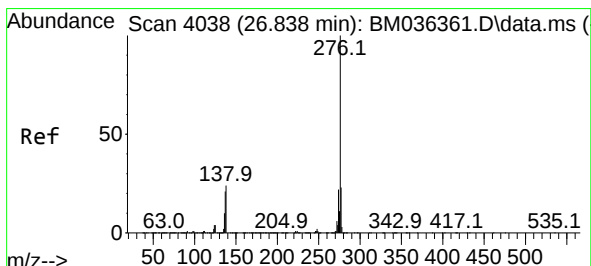
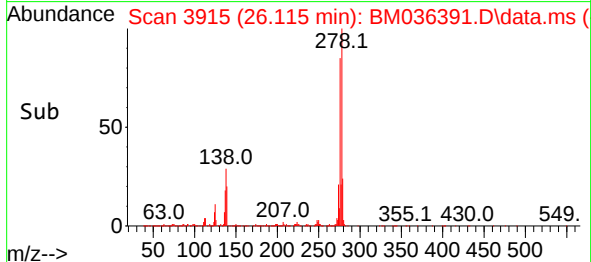
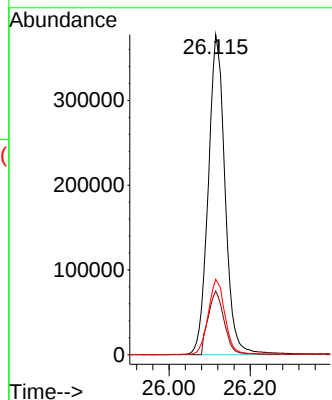
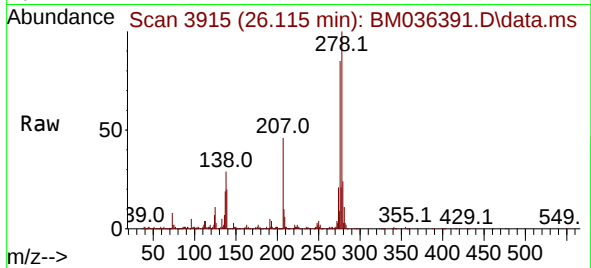


#95
 Dibenzo(a,h)anthracene
 Concen: 18.233 ng/ul
 RT: 26.115 min Scan# 3915
 Delta R.T. 0.000 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:278 Resp: 1084802

Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.2	24.2
279	23.6	18.7	28.1



#96
 Benzo(g,h,i)perylene
 Concen: 18.099 ng/ul
 RT: 26.844 min Scan# 4039
 Delta R.T. 0.006 min
 Lab File: BM036391.D
 Acq: 23 Aug 2022 15:44

Tgt Ion:276 Resp: 1068993

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.3	31.9
277	24.1	18.6	28.0

